

R4 vs R3. Fold change >1.

Probe Set ID	R3			R4			R4	
	Signal	Detection	Detection p-value	Signal	Detection	Detection p-value	Signal Log Ratio	Fold Change
Up-regulated genes								
1387902_a_at	5,8	A	0,96	7380	P	0	10,14	1128,4
1388272_at	5,2	A	0,6	6949,4	P	0	9,77	873,1
1371209_at	1,2	A	1	944,7	P	0	9,74	855,1
1376845_at	14,8	A	0,89	2712,5	P	0	7,45	174,9
1388255_x_at	1,3	A	0,73	656,8	P	0	7,04	131,6
1383163_at	37,1	A	0,6	5122,7	P	0	6,29	78,2
1398390_at	26,9	A	0,22	2516,6	P	0	6,04	65,8
1388149_at	4,7	A	0,81	208,7	P	0,02	5,57	47,5
1370967_at	14,9	A	0,6	1531,3	P	0	5,54	46,5
1369852_at	1,5	A	0,78	162,2	P	0,01	5,35	40,8
1382314_at	143,5	A	0,57	6084,4	P	0	5,33	40,2
1373514_at	13,5	A	0,53	494,7	P	0	5,24	37,8
1370695_s_at	6,5	A	0,67	214,1	P	0,04	5,2	36,8
1368000_at	90	A	0,13	2945	P	0	4,97	31,3
1379633_a_at	8,8	A	0,95	471,9	P	0,04	4,94	30,7
1370394_at	55,5	A	0,27	1633,9	P	0	4,89	29,7
1395003_at	6,2	A	0,43	384,7	P	0	4,89	29,7
1371079_at	3,7	A	0,85	249,6	P	0	4,87	29,2
1370883_at	105,5	P	0	2851,6	P	0	4,73	26,5
1368930_at	2,9	A	0,78	93,5	P	0,02	4,68	25,6
1367973_at	7,2	A	0,85	195,9	P	0,03	4,61	24,4
1367679_at	192	A	0,07	4212,6	P	0	4,57	23,8
1370603_a_at	1,6	A	0,73	120,8	P	0,04	4,53	23,1
1383564_at	123,7	P	0,01	2025,6	P	0	4,52	22,9
1381556_at	20,2	A	0,67	416,8	P	0	4,48	22,3
1368332_at	20,3	A	0,19	636,4	P	0	4,45	21,9
1371262_at	144,7	A	0,19	3946,4	P	0	4,41	21,3
1370913_at	86,4	A	0,37	1986,9	P	0	4,34	20,3
1379568_at	136,2	A	0,15	2166,6	P	0	4,29	19,6
1387839_at	4,9	A	0,87	182,2	P	0	4,27	19,3
1393219_at	102	A	0,57	2315,5	P	0	4,26	19,2
1384218_at	6,3	A	0,78	330,1	P	0,01	4,24	18,9
1387413_at	2	A	0,6	114,9	P	0,02	4,24	18,9
1371447_at	64,3	A	0,11	1687,9	P	0	4,2	18,4
1387969_at	57,1	A	0,11	1658,8	P	0	4,17	18,0
1370822_at	87,4	A	0,37	1196,7	P	0	4,12	17,4

1371015_at	70,1	P	0,01	972,1	P	0	4,08	16,9
1381228_at	115,1	A	0,15	1651,7	P	0	4,04	16,4
1388212_a_at	57,5	A	0,1	1141,1	P	0	4,03	16,3
1379285_at	164,3	A	0,17	4677,6	P	0	4,02	16,2
1389034_at	108,2	A	0,07	1998,9	P	0	4,02	16,2
1370429_at	7,6	A	0,78	180,7	P	0	4,01	16,1
1384180_at	139,7	P	0	2812,4	P	0	4,01	16,1
1385277_x_at	48,8	A	0,78	751,4	P	0,01	3,95	15,5
1375796_at	5,9	A	0,33	87,5	P	0,04	3,94	15,3
1370383_s_at	64,8	A	0,17	996,8	P	0	3,93	15,2
1379818_at	8,3	A	0,73	165,5	P	0,05	3,9	14,9
1373992_at	26,9	P	0,04	371,2	P	0	3,89	14,8
1391083_at	15,1	A	0,63	259,4	P	0,02	3,88	14,7
1371033_at	83,1	A	0,3	1364	P	0	3,83	14,2
1392592_at	4	A	0,87	36,7	P	0,02	3,82	14,1
1386571_at	17,5	A	0,63	250,7	P	0,01	3,77	13,6
1367975_at	4,3	A	0,78	175,8	P	0,01	3,75	13,5
1389306_at	7,6	A	0,43	82,7	P	0,01	3,75	13,5
1392637_at	115,8	A	0,3	1409,2	P	0	3,75	13,5
1371210_s_at	32,6	P	0,04	599	P	0	3,74	13,4
1373025_at	198,1	P	0	2519	P	0	3,74	13,4
1383392_at	133,3	A	0,57	2536,2	P	0,01	3,74	13,4
1376150_at	11,3	A	0,47	227	P	0,05	3,69	12,9
1387134_at	73,5	A	0,33	1042,1	P	0	3,68	12,8
1370080_at	99	P	0,03	1248,3	P	0	3,66	12,6
1387946_at	138,3	P	0,04	1477,8	P	0	3,64	12,5
1376151_a_at	87,1	P	0,01	1210,7	P	0	3,63	12,4
1379496_at	35,3	A	0,75	608,1	P	0,02	3,63	12,4
1376693_at	67,7	A	0,07	702	P	0	3,62	12,3
1385571_at	121,9	A	0,53	1141,1	P	0,01	3,58	12,0
1376496_at	6,3	A	0,78	82,9	P	0,01	3,55	11,7
1368558_s_at	40,8	P	0,02	552,9	P	0	3,53	11,6
1394352_at	38,1	A	0,57	559,9	P	0,03	3,49	11,2
1375010_at	48,1	A	0,43	830,4	P	0	3,48	11,2
1374718_at	44,8	P	0,01	468,7	P	0	3,42	10,7
1376652_at	308	P	0	4436,7	P	0	3,39	10,5
1370215_at	155,1	P	0	2101,8	P	0	3,38	10,4
1376908_at	64,8	A	0,11	755,7	P	0	3,38	10,4
1382026_at	28,6	A	0,57	349,1	P	0,05	3,38	10,4
1374334_at	78,6	A	0,19	911,7	P	0	3,37	10,3
1372604_at	65,1	A	0,22	611,1	P	0	3,36	10,3
1394819_at	15,5	A	0,87	250,7	P	0,04	3,35	10,2
1388046_at	16	A	0,67	225,2	P	0,04	3,32	10,0
1386879_at	75,2	A	0,4	1114,7	P	0	3,31	9,9
1377916_at	103	A	0,57	832,2	P	0	3,3	9,8
1369387_at	7,8	A	0,53	135	P	0	3,28	9,7

1389553_at	24,4	A	0,25	282,8	P	0	3,23	9,4
1370493_a_at	12,4	A	0,57	95,3	P	0,02	3,18	9,1
1370892_at	147,4	A	0,17	1730,7	P	0	3,17	9,0
1375006_at	53,5	A	0,33	498,6	P	0	3,17	9,0
1371152_a_at	95,7	A	0,11	647,9	P	0	3,15	8,9
1389006_at	267,7	P	0,02	1613,2	P	0	3,09	8,5
1378043_at	103,4	A	0,5	1133,6	P	0	3,06	8,3
1371123_x_at	111,9	A	0,07	1206,7	P	0	3,01	8,1
1381014_at	167,9	A	0,11	1442,8	P	0,01	3,01	8,1
1388694_at	64,5	A	0,3	848,4	P	0	3,01	8,1
1387770_at	1109,9	P	0	8350,1	P	0	2,98	7,9
1371078_at	6,7	A	0,3	616,8	P	0	2,95	7,7
1382902_at	31	A	0,25	261,5	P	0	2,95	7,7
1388213_a_at	127,2	P	0,04	778,1	P	0	2,94	7,7
1387087_at	25,9	A	0,43	193,1	P	0,01	2,88	7,4
1389696_at	7,1	A	0,53	149,7	P	0,04	2,88	7,4
1377950_at	92,5	A	0,08	806,5	P	0	2,87	7,3
1370186_at	57,8	A	0,3	446,8	P	0	2,86	7,3
1383448_at	396,8	P	0	2984,7	P	0	2,86	7,3
1370885_at	135,3	P	0,04	759,1	P	0	2,83	7,1
1392759_at	18,6	A	0,73	237,8	P	0,04	2,82	7,1
1368187_at	80	A	0,25	547,1	P	0	2,8	7,0
1387283_at	77,5	A	0,07	634,5	P	0	2,79	6,9
1387995_a_at	418	P	0	2851,7	P	0	2,79	6,9
1390687_at	58,7	A	0,47	452,6	P	0	2,79	6,9
1369716_s_at	92,1	A	0,53	804,1	P	0,01	2,78	6,9
1373575_at	393	P	0	2788,1	P	0	2,76	6,8
1379748_at	213,3	P	0,05	1701,1	P	0	2,75	6,7
1382692_at	118,2	A	0,3	915,4	P	0	2,73	6,6
1391463_at	169,4	P	0	1203,2	P	0	2,73	6,6
1367786_at	77,2	A	0,43	616	P	0	2,72	6,6
1367974_at	440,8	P	0	2530,5	P	0	2,72	6,6
1383391_a_at	293	A	0,11	1833,1	P	0	2,72	6,6
1390249_at	6,9	A	0,5	82,2	P	0,01	2,7	6,5
1373523_at	160,2	A	0,19	1128,5	P	0	2,69	6,5
1383658_at	161,8	A	0,53	2437,9	P	0	2,68	6,4
1387027_a_at	155,6	P	0	1117,1	P	0	2,68	6,4
1371237_a_at	129,1	P	0,03	1556,4	P	0	2,66	6,3
1384208_at	183,3	A	0,1	2358	P	0	2,66	6,3
1397214_at	64,3	A	0,63	425,6	P	0,02	2,66	6,3
1372254_at	157,6	A	0,1	1016	P	0	2,63	6,2
1372585_at	538,2	P	0	2820,6	P	0	2,61	6,1
1388164_at	69,3	A	0,6	475,9	P	0	2,61	6,1
1387354_at	286,7	P	0	1605,3	P	0	2,6	6,1
1368270_at	9	A	0,6	75	P	0	2,59	6,0
1391979_at	68,4	A	0,43	501,6	P	0	2,58	6,0

1392722_at	59	A	0,63	360,5	P	0,02	2,58	6,0
1378443_at	269,8	A	0,33	1686,8	P	0	2,57	5,9
1393641_at	69,6	A	0,33	383,8	P	0,01	2,54	5,8
1382926_s_at	21,4	A	0,5	267,7	P	0,02	2,53	5,8
1367712_at	37,7	A	0,43	307	P	0,04	2,52	5,7
1368835_at	385,8	P	0	2467,3	P	0	2,52	5,7
1390738_at	227,8	P	0,02	1320,6	P	0	2,52	5,7
1373785_at	107,8	A	0,27	524	P	0	2,51	5,7
1381311_at	94,3	P	0,03	802,7	P	0	2,51	5,7
1388071_x_at	1336,6	P	0	4599,4	P	0	2,51	5,7
1396163_at	195,2	A	0,19	1150,9	P	0	2,49	5,6
1394940_at	231,6	P	0	1225	P	0	2,48	5,6
1370972_x_at	167	A	0,17	840,7	P	0,01	2,44	5,4
1392794_at	13,9	A	0,33	103	P	0,03	2,44	5,4
1387391_at	24,6	A	0,6	145,3	P	0,04	2,42	5,4
1371119_at	100,6	A	0,15	838,3	P	0,01	2,4	5,3
1391489_at	335,9	P	0,02	1708,7	P	0	2,39	5,2
1372757_at	307,5	P	0,02	1724,4	P	0	2,37	5,2
1374627_at	117,5	P	0,04	650,4	P	0	2,37	5,2
1382950_at	119,9	P	0,02	665,9	P	0	2,37	5,2
1375211_at	394,4	P	0	2021,5	P	0	2,36	5,1
1384558_at	108,1	A	0,33	499,3	P	0	2,36	5,1
1394865_at	25,2	A	0,6	169,2	P	0,02	2,35	5,1
1374730_at	91	P	0,01	503,4	P	0	2,33	5,0
1373421_at	29,6	A	0,63	161	P	0,02	2,32	5,0
1381875_at	70	P	0,01	416,1	P	0,01	2,29	4,9
1370694_at	15,1	A	0,4	56,3	P	0,01	2,28	4,9
1372064_at	87,2	A	0,25	455,7	P	0	2,27	4,8
1382546_at	212,4	A	0,3	812,8	P	0,01	2,24	4,7
1393108_at	447,6	P	0,01	3437,7	P	0	2,23	4,7
1373932_at	24,3	A	0,63	70,9	P	0,01	2,22	4,7
1369483_at	119,8	A	0,4	568,8	P	0,01	2,2	4,6
1380071_at	152,3	A	0,25	1165,1	P	0	2,2	4,6
1374778_at	26,8	A	0,5	142,3	P	0,01	2,18	4,5
1376056_at	78,4	P	0,01	352,2	P	0	2,18	4,5
1377826_at	97,5	A	0,08	701,8	P	0	2,18	4,5
1394673_at	226,5	M	0,06	946,7	P	0	2,18	4,5
1372097_at	66,2	P	0,03	297,2	P	0	2,17	4,5
1371440_at	798,5	P	0	4198,5	P	0	2,15	4,4
1376435_at	17,5	A	0,57	103,9	P	0,04	2,15	4,4
1392894_at	335,7	A	0,11	1453,2	P	0	2,14	4,4
1397304_at	287	P	0	1518,6	P	0	2,14	4,4
1380537_at	27,9	A	0,63	242,3	P	0,01	2,13	4,4
1377726_at	261,4	A	0,4	1251,2	P	0,01	2,12	4,3
1377908_at	323,1	P	0,05	1453,6	P	0	2,12	4,3
1383424_at	472,6	M	0,06	2696,2	P	0	2,11	4,3

1367774_at	469,9	P	0	1669,5	P	0	2,1	4,3
1393044_at	254,6	A	0,19	1084,7	P	0	2,09	4,3
1369427_at	70,4	A	0,25	475,2	P	0	2,08	4,2
1377497_at	96,9	A	0,07	522,1	P	0	2,08	4,2
1383516_at	39	P	0,01	278,4	P	0	2,06	4,2
1398246_s_at	106,8	P	0,01	442,8	P	0	2,06	4,2
1373204_at	436	P	0,01	1413,7	P	0	2,05	4,1
1378150_at	136,5	A	0,47	541,4	P	0,01	2,04	4,1
1388271_at	1172,9	P	0,01	3258,4	P	0	2,03	4,1
1368840_at	807	P	0	3565,9	P	0	2,02	4,1
1386925_at	200,5	P	0,01	785,6	P	0	2,02	4,1
1374731_at	135	P	0,01	723,2	P	0	2,01	4,0
1374551_at	111,4	A	0,17	370,7	P	0	2	4,0
1368518_at	128,1	P	0,05	553,2	P	0	1,96	3,9
1372112_at	112,4	M	0,06	533,4	P	0,01	1,94	3,8
1382274_at	453,9	A	0,08	1278	P	0	1,94	3,8
1387605_at	43,4	A	0,3	176,8	P	0,01	1,94	3,8
1389470_at	97,3	A	0,08	505,5	P	0	1,94	3,8
1367577_at	106,5	A	0,33	385,5	P	0,02	1,92	3,8
1385605_at	47,5	A	0,53	343,4	P	0,05	1,92	3,8
1387893_at	125,3	P	0,01	469,6	P	0	1,91	3,8
1390510_at	70,2	A	0,07	231,5	P	0	1,91	3,8
1392623_at	6,7	A	0,67	34,3	P	0	1,91	3,8
1368555_at	37,1	A	0,25	233,4	P	0	1,9	3,7
1382108_at	188,6	A	0,37	744	P	0	1,89	3,7
1370516_at	53,8	A	0,25	165,5	P	0	1,87	3,7
1370882_at	235,1	P	0,01	886,1	P	0	1,87	3,7
1386893_at	447,9	P	0	2366,2	P	0	1,87	3,7
1368006_at	212	P	0,01	785,2	P	0	1,86	3,6
1378133_at	774,4	P	0	2909,9	P	0	1,86	3,6
1372404_at	99,2	A	0,08	426,1	P	0	1,85	3,6
1368280_at	39	A	0,6	213,1	P	0,02	1,84	3,6
1373037_at	98,1	M	0,06	575,7	P	0	1,84	3,6
1374565_at	87,1	P	0,02	169,8	P	0	1,84	3,6
1370090_at	19,5	A	0,43	79	P	0,01	1,83	3,6
1372930_at	124	P	0,01	596,1	P	0	1,83	3,6
1377239_at	76,4	A	0,1	293,8	P	0	1,83	3,6
1379344_at	97,6	A	0,1	508,3	P	0	1,83	3,6
1388395_at	79,7	P	0,01	286	P	0	1,83	3,6
1367663_at	427	P	0	1536,9	P	0	1,82	3,5
1367850_at	87,3	P	0	262,4	P	0	1,82	3,5
1380063_at	226	P	0,05	918	P	0	1,82	3,5
1388784_at	395	P	0	1369	P	0	1,81	3,5
1368474_at	169,6	P	0	646,3	P	0	1,8	3,5
1379613_at	151,7	A	0,22	588	P	0	1,8	3,5
1393280_at	97	A	0,4	338,6	P	0,01	1,8	3,5

1374337_at	99,2	A	0,15	395,8	P	0	1,79	3,5
1388202_at	62,3	A	0,07	225,9	P	0	1,78	3,4
1393249_at	56,7	A	0,22	304,4	P	0	1,78	3,4
1374367_at	40,3	A	0,17	147,4	P	0	1,77	3,4
1390024_at	172,1	P	0	503,8	P	0	1,77	3,4
1387339_at	10,1	A	0,4	40,4	P	0,02	1,76	3,4
1370891_at	121,7	P	0,01	444,2	P	0	1,75	3,4
1387914_at	141,7	P	0,01	474,5	P	0	1,75	3,4
1386119_at	48,5	A	0,27	237,2	P	0,04	1,74	3,3
1386940_at	211,2	P	0	1102,8	P	0	1,74	3,3
1387005_at	1037,9	P	0	4270,7	P	0	1,74	3,3
1398892_at	1161,6	P	0	3979,3	P	0	1,74	3,3
1384886_at	22,7	A	0,3	86,8	P	0,04	1,73	3,3
1379357_at	29,2	P	0	158,6	P	0	1,72	3,3
1368419_at	59,6	P	0,01	186,5	P	0	1,71	3,3
1388277_at	31,1	A	0,3	145	P	0,01	1,7	3,2
1397808_at	96,2	A	0,27	501,3	P	0	1,7	3,2
1376144_at	123,5	P	0,03	638,9	P	0	1,69	3,2
1367581_a_at	419,4	P	0	1392,8	P	0	1,68	3,2
1369484_at	34	A	0,3	108,5	P	0,02	1,66	3,2
1372034_at	177,4	P	0	663,4	P	0	1,66	3,2
1398347_at	321,8	P	0	980,2	P	0	1,66	3,2
1389210_at	139,7	P	0,01	428,3	P	0	1,65	3,1
1397411_at	68,5	A	0,37	246,9	P	0,02	1,65	3,1
1379760_at	72,1	A	0,33	258,7	P	0	1,64	3,1
1385276_a_at	100,4	P	0,01	184,5	P	0,01	1,64	3,1
1385925_at	78,6	A	0,37	318,6	P	0	1,64	3,1
1395313_s_at	227,8	P	0,02	956,3	P	0	1,64	3,1
1382043_at	305,1	A	0,3	1369,8	P	0	1,63	3,1
1372070_at	265,1	A	0,08	745,7	P	0	1,61	3,1
1382346_at	127,4	A	0,22	371,3	P	0	1,61	3,1
1388880_at	67,3	P	0,01	308,2	P	0	1,61	3,1
1390659_at	42,6	P	0,01	201,4	P	0	1,61	3,1
1377835_at	136,8	A	0,47	336,6	P	0,04	1,59	3,0
1388166_at	55,5	A	0,25	265,3	P	0	1,59	3,0
1370211_at	229	A	0,13	664,1	P	0,01	1,57	3,0
1384889_at	111,8	A	0,43	346,8	P	0,02	1,57	3,0
1386899_at	667,1	P	0	1889	P	0	1,57	3,0
1376029_at	98,2	P	0,04	372,5	P	0	1,56	2,9
1387242_at	72,3	P	0,01	212,5	P	0	1,56	2,9
1368418_a_at	132,8	A	0,17	454,9	P	0	1,55	2,9
1392842_at	177,4	A	0,11	331,5	P	0	1,55	2,9
1367715_at	106,8	A	0,08	360,6	P	0	1,54	2,9
1372726_at	266,6	P	0	627,4	P	0	1,54	2,9
1373754_at	102,6	P	0,01	352,3	P	0	1,54	2,9
1379538_at	144	A	0,15	333,5	P	0	1,54	2,9

1383131_at	287,4	A	0,17	740,5	P	0	1,54	2,9
1370570_at	101,9	M	0,06	303,9	P	0	1,53	2,9
1373197_at	166,2	P	0	453,5	P	0	1,53	2,9
1381173_at	138,1	P	0	436,5	P	0	1,53	2,9
1391106_at	81,3	A	0,11	323,4	P	0	1,53	2,9
1393144_at	186,8	A	0,19	684,1	P	0	1,52	2,9
1382431_at	539,7	P	0	1793,3	P	0	1,51	2,8
1389873_at	67,9	A	0,1	211,8	P	0	1,51	2,8
1377946_at	236,7	A	0,37	733,2	P	0,02	1,5	2,8
1386552_at	36,4	A	0,7	149,9	P	0,02	1,49	2,8
1390112_at	51,3	A	0,07	157,3	P	0	1,49	2,8
1386913_at	236,5	P	0	641,7	P	0	1,47	2,8
1388791_at	196,1	P	0	534,3	P	0	1,47	2,8
1386679_at	401,7	P	0,02	904,4	P	0	1,45	2,7
1397917_at	55,2	A	0,47	122,9	P	0,01	1,45	2,7
1372273_at	50,5	A	0,22	142	P	0,04	1,44	2,7
1394550_at	159,9	A	0,3	544,4	P	0,01	1,42	2,7
1369665_a_at	64,5	P	0,01	182,4	P	0	1,41	2,7
1387029_at	113,4	P	0	328,8	P	0	1,41	2,7
1387032_at	193,9	P	0,01	367,7	P	0	1,41	2,7
1369186_at	63,9	P	0,04	216,4	P	0	1,4	2,6
1377594_at	322,7	A	0,1	924,1	P	0	1,4	2,6
1391194_at	250,8	P	0	681,4	P	0	1,4	2,6
1368582_at	88,3	A	0,1	283,4	P	0	1,39	2,6
1376920_at	123,2	P	0,01	261,1	P	0	1,39	2,6
1377671_at	467,2	P	0	1333,3	P	0	1,39	2,6
1379365_at	181	A	0,22	917,7	P	0	1,39	2,6
1392791_at	61,6	A	0,19	125,7	P	0	1,39	2,6
1393217_at	139,4	P	0,01	310	P	0	1,39	2,6
1371239_s_at	83,5	P	0,01	232,2	P	0	1,38	2,6
1377156_at	253,2	P	0	632,8	P	0	1,38	2,6
1384272_at	219,4	M	0,06	674,2	P	0	1,38	2,6
1391227_at	212,5	A	0,53	643,8	P	0,04	1,38	2,6
1369672_at	52,2	A	0,27	115,7	P	0,02	1,37	2,6
1370904_at	275,1	P	0	431	P	0	1,37	2,6
1373611_at	88,8	P	0,05	237,1	P	0	1,37	2,6
1374976_a_at	22,9	A	0,15	163,4	P	0	1,37	2,6
1385252_at	393,4	P	0	1281,2	P	0	1,37	2,6
1367574_at	1077,5	P	0	2173,1	P	0	1,36	2,6
1383242_a_at	227,3	P	0	555,5	P	0	1,36	2,6
1367710_at	365,6	P	0	961,2	P	0	1,35	2,5
1369554_at	86,2	P	0,05	273,1	P	0	1,35	2,5
1374600_at	136,1	P	0,04	281,4	P	0	1,35	2,5
1378140_at	53,1	P	0,03	147,2	P	0	1,35	2,5
1392655_at	203,3	A	0,27	545,5	P	0,01	1,35	2,5
1368754_at	147,3	A	0,13	372,9	P	0,01	1,34	2,5

1372868_at	99,9	P	0,05	218,9	P	0	1,34	2,5
1373577_at	41,1	P	0,03	130,3	P	0,01	1,34	2,5
1371575_at	219,3	P	0,01	607,4	P	0	1,33	2,5
1376944_at	21,2	A	0,25	52,3	P	0	1,33	2,5
1386277_at	621,7	P	0,04	1298,9	P	0	1,33	2,5
1368632_at	15,2	A	0,08	49,3	P	0	1,32	2,5
1374558_at	80,4	A	0,25	211,8	P	0,01	1,32	2,5
1380079_at	418,5	P	0,02	1581,8	P	0	1,32	2,5
1382907_at	72,5	A	0,47	180,9	P	0,01	1,32	2,5
1390050_at	117,9	P	0,01	347,3	P	0	1,32	2,5
1368073_at	171,6	A	0,25	448,9	P	0,01	1,31	2,5
1370875_at	362,4	P	0,01	890,1	P	0	1,31	2,5
1376980_at	179,2	P	0	479,8	P	0	1,31	2,5
1386890_at	162,2	P	0,04	362,3	P	0	1,31	2,5
1369959_at	390,1	P	0	939	P	0	1,3	2,5
1392172_at	151,5	A	0,47	346,3	P	0,01	1,3	2,5
1368010_at	44,5	A	0,11	157,5	P	0	1,29	2,4
1369590_a_at	249,9	P	0,01	604,5	P	0	1,29	2,4
1387282_at	56,6	A	0,15	189,5	P	0	1,29	2,4
1371194_at	63,9	P	0,03	139,7	P	0	1,28	2,4
1372824_at	88,1	P	0	285,7	P	0	1,28	2,4
1373065_at	126,1	M	0,06	324,2	P	0	1,28	2,4
1383243_at	262,3	A	0,25	678,6	P	0,01	1,28	2,4
1387769_a_at	224,4	P	0	554,4	P	0	1,28	2,4
1370024_at	588,1	P	0	1414,4	P	0	1,27	2,4
1384381_at	68,7	A	0,22	181,2	P	0	1,27	2,4
1385051_at	95,4	P	0,05	261,2	P	0	1,27	2,4
1394200_at	22,6	A	0,13	119,2	P	0	1,27	2,4
1372621_at	93	A	0,15	209,7	P	0,03	1,26	2,4
1386321_s_at	53,3	A	0,17	198,1	P	0,01	1,26	2,4
1383241_at	236,7	M	0,06	452,4	P	0,01	1,25	2,4
1385584_at	273	P	0	550,2	P	0	1,25	2,4
1387343_at	75,5	A	0,13	124,7	P	0,01	1,25	2,4
1370161_at	131,7	P	0,02	328,6	P	0	1,24	2,4
1375955_at	291,8	P	0	554,9	P	0	1,24	2,4
1380129_at	120,2	M	0,06	281	P	0,01	1,24	2,4
1390287_at	95,1	P	0,01	323,8	P	0	1,24	2,4
1368728_at	128,2	P	0,02	370,5	P	0	1,23	2,3
1371131_a_at	557,7	P	0,01	1057,2	P	0	1,23	2,3
1372301_at	103,9	A	0,22	262,1	P	0,01	1,23	2,3
1373881_at	338,3	P	0,04	691,1	P	0	1,23	2,3
1367612_at	334,4	P	0	870,9	P	0	1,22	2,3
1370391_at	177,5	P	0,04	362,8	P	0,02	1,22	2,3
1372365_at	125,2	A	0,07	264,6	P	0,01	1,22	2,3
1375428_at	80,5	A	0,13	197,3	P	0,03	1,22	2,3
1395126_at	130,8	A	0,17	415,1	P	0,01	1,22	2,3

1370135_at	90,5	P	0,01	196,9	P	0	1,21	2,3
1379717_at	313,2	A	0,13	834,2	P	0	1,21	2,3
1379957_at	151,5	A	0,33	269,2	P	0	1,21	2,3
1394490_at	146,4	P	0	456,4	P	0	1,21	2,3
1368490_at	55,7	A	0,33	153,4	P	0,03	1,2	2,3
1390866_at	164,2	A	0,25	416,2	P	0,01	1,2	2,3
1370956_at	124,5	P	0,01	311,4	P	0	1,19	2,3
1373748_at	170,1	P	0,01	309	P	0	1,19	2,3
1390909_at	190,7	A	0,11	433,2	P	0	1,19	2,3
1371070_at	70	A	0,17	291,7	P	0	1,18	2,3
1367648_at	1635,9	P	0	3516,4	P	0	1,17	2,3
1368482_at	59,4	A	0,19	137,1	P	0	1,17	2,3
1368679_a_at	112,5	P	0,02	297,2	P	0	1,17	2,3
1369110_x_at	143,1	A	0,07	353	P	0	1,17	2,3
1373106_at	257,8	P	0	619	P	0	1,17	2,3
1388347_at	949,4	P	0	2206,6	P	0	1,17	2,3
1388571_at	176	P	0,02	344,2	P	0	1,17	2,3
1367595_s_at	4197	P	0	9174,3	P	0	1,16	2,2
1367698_a_at	148,9	P	0	294,6	P	0	1,16	2,2
1398664_at	548,8	P	0	1189,6	P	0	1,16	2,2
1368028_at	50,3	A	0,11	89,1	P	0,03	1,15	2,2
1388754_at	517,8	P	0	1244,2	P	0	1,15	2,2
1397246_at	1154,1	P	0	2677,6	P	0	1,15	2,2
1368430_at	727,6	P	0	1726,7	P	0	1,14	2,2
1391754_at	113,8	P	0,01	1496	P	0	1,14	2,2
1367676_at	88,4	P	0	188	P	0	1,13	2,2
1368052_at	100,5	A	0,1	205,5	P	0	1,13	2,2
1371332_at	555,8	P	0	1180,4	P	0	1,13	2,2
1372466_at	355,3	P	0	692,1	P	0	1,13	2,2
1377626_at	292,1	P	0,03	511,8	P	0	1,13	2,2
1384507_at	213,8	P	0,02	757,6	P	0	1,13	2,2
1370249_at	206,3	M	0,06	526,5	P	0	1,12	2,2
1372004_at	95,4	A	0,07	186,6	P	0	1,12	2,2
1376321_at	76,4	A	0,33	134,2	P	0,03	1,12	2,2
1384483_at	112	A	0,15	209,8	P	0,01	1,12	2,2
1390021_at	323,8	P	0	906,8	P	0	1,12	2,2
1397164_at	792,6	P	0	1694,4	P	0	1,12	2,2
1369956_at	506,8	P	0	1195,3	P	0	1,11	2,2
1374033_at	278,2	P	0,01	600,2	P	0	1,11	2,2
1383058_at	234,3	P	0	512	P	0	1,11	2,2
1383309_at	432,2	A	0,11	905,3	P	0	1,11	2,2
1368669_at	275,8	M	0,06	565,1	P	0,01	1,1	2,1
1369557_at	97,3	A	0,27	145,3	P	0,02	1,1	2,1
1371774_at	616,9	P	0	1622,6	P	0	1,1	2,1
1373670_at	267,3	A	0,08	570,8	P	0,04	1,1	2,1
1374752_at	65,6	P	0,02	156,2	P	0,02	1,1	2,1

1382531_at	22,7	A	0,1	81,8	P	0,05	1,1	2,1
1384191_at	111,4	P	0	201,6	P	0	1,1	2,1
1386065_at	131,6	P	0	363	P	0	1,1	2,1
1387759_s_at	68,2	A	0,22	158,6	P	0,01	1,1	2,1
1399161_a_at	238,2	P	0	609,6	P	0	1,1	2,1
1367700_at	168,8	P	0,01	370,6	P	0	1,09	2,1
1372013_at	87,1	A	0,22	175,2	P	0	1,09	2,1
1387276_at	291,6	P	0	639	P	0	1,09	2,1
1370219_at	299,3	P	0,01	648,6	P	0	1,08	2,1
1370483_at	9,5	A	0,4	35,5	P	0,04	1,08	2,1
1382177_at	186,1	P	0,04	556,4	P	0	1,08	2,1
1392189_at	222,3	P	0,02	602,4	P	0	1,08	2,1
1367826_at	239,1	P	0	618,5	P	0	1,07	2,1
1368948_at	78,7	P	0,01	208,6	P	0,01	1,07	2,1
1378418_at	153,1	M	0,06	318,2	P	0	1,07	2,1
1383290_at	201,7	P	0,02	351	P	0	1,07	2,1
1387024_at	199,4	A	0,15	372,9	P	0,02	1,07	2,1
1388426_at	450,3	P	0	1197,1	P	0	1,07	2,1
1378645_at	197,2	P	0,02	344	P	0	1,06	2,1
1367816_at	501,4	P	0	984,1	P	0	1,05	2,1
1370154_at	521,5	P	0	1440,8	P	0	1,05	2,1
1380057_at	193,5	A	0,08	250,9	P	0	1,05	2,1
1388776_at	646,5	P	0	1428,5	P	0	1,05	2,1
1390312_at	228,8	P	0,01	455,6	P	0	1,05	2,1
1367696_at	384,7	P	0,01	681	P	0	1,04	2,1
1376066_at	82,7	P	0,02	160,5	P	0	1,04	2,1
1376636_at	193,6	P	0,01	394,7	P	0	1,04	2,1
1382311_at	490,4	A	0,25	1163,1	P	0,01	1,04	2,1
1387198_at	84,4	P	0	230,6	P	0	1,04	2,1
1396755_at	53,8	A	0,43	116,9	P	0,02	1,04	2,1
1372706_at	683,1	P	0	1396,1	P	0	1,03	2,0
1379631_at	236,4	A	0,08	1075,2	P	0	1,03	2,0
1384126_a_at	287,6	A	0,1	512,5	P	0	1,03	2,0
1387818_at	251,8	P	0,05	699,5	P	0	1,03	2,0
1372031_at	205,2	P	0,02	485,7	P	0	1,02	2,0
1374868_at	36,8	P	0,02	76,8	P	0	1,02	2,0
1382791_at	20,6	A	0,4	81	P	0	1,02	2,0
1384127_at	364,5	P	0,01	730,6	P	0	1,02	2,0
1388203_x_at	118,3	P	0	265,2	P	0	1,02	2,0
1388425_at	106,7	A	0,07	261,6	P	0	1,02	2,0
1390507_at	97,7	P	0,02	131,7	P	0,01	1,02	2,0
1392170_at	221,6	A	0,1	300,2	P	0,01	1,02	2,0
1367675_at	254,7	P	0	494,6	P	0	1,01	2,0
1373490_at	117,8	P	0,01	163,6	P	0	1,01	2,0
1381678_at	483,7	P	0	1014,9	P	0	1,01	2,0
1384814_at	192,9	P	0	365,6	P	0	1,01	2,0

1367939_at	104,7	A	0,15	189,7	P	0	1	2,0
1368460_at	103,6	A	0,33	214,7	P	0,05	1	2,0
1368908_at	62,8	M	0,06	131,5	P	0	1	2,0
1374165_at	149,5	P	0,04	261	P	0,01	1	2,0
1375144_at	401,2	P	0	848,4	P	0	1	2,0
1384312_at	387,1	P	0,05	902,8	P	0	1	2,0
1393863_at	65	A	0,08	269,3	P	0,01	1	2,0
1395813_at	481,3	P	0	1010,8	P	0	1	2,0
1371595_at	693,7	P	0	1333,8	P	0	0,99	2,0
1373673_at	38,7	P	0,02	94,3	P	0	0,99	2,0
1379891_at	2311,7	P	0	4023,8	P	0	0,99	2,0
1389170_at	123,2	M	0,06	277,4	P	0	0,99	2,0
1393038_at	289	A	0,17	587	P	0	0,99	2,0
1393682_at	114,3	P	0,02	200	P	0	0,99	2,0
1367925_at	130,1	A	0,07	322,6	P	0,01	0,98	2,0
1378927_at	604,5	P	0,03	1218,7	P	0	0,98	2,0
1383614_at	187,4	A	0,3	365	P	0,05	0,98	2,0
1384087_at	285,3	P	0,03	415,5	P	0	0,98	2,0
1388460_at	140,5	M	0,06	233	P	0	0,98	2,0
1388666_at	217,9	P	0,01	490,1	P	0	0,98	2,0
1376728_at	92,3	P	0,02	178,7	P	0	0,97	2,0
1387280_a_at	190,1	P	0,01	422,9	P	0	0,97	2,0
1388337_at	996,7	P	0	1858,8	P	0	0,97	2,0
1388598_at	185,6	P	0,01	368,3	P	0,01	0,97	2,0
1391607_at	404,8	P	0,03	1062,2	P	0	0,97	2,0
1368207_at	131,5	P	0,01	265,2	P	0	0,96	1,9
1370155_at	382,7	P	0	654,8	P	0	0,96	1,9
1382083_at	535,7	P	0	1031,9	P	0	0,96	1,9
1396268_at	295,6	A	0,08	618,3	P	0	0,96	1,9
1368356_a_at	140,2	P	0,05	402,8	P	0	0,95	1,9
1368621_at	140,6	A	0,1	187,6	P	0	0,95	1,9
1369983_at	88,6	A	0,17	343,9	P	0,01	0,95	1,9
1370959_at	266,4	P	0	564,4	P	0	0,95	1,9
1371627_at	162,2	P	0	295,8	P	0	0,95	1,9
1375266_at	163,8	P	0,01	402,5	P	0	0,95	1,9
1388699_at	217,2	P	0	434,8	P	0	0,95	1,9
1372332_at	167,7	P	0	334	P	0	0,94	1,9
1373233_at	127,5	P	0,02	297,8	P	0	0,94	1,9
1376749_at	294,1	P	0	539,3	P	0	0,94	1,9
1377640_at	427,7	P	0,01	663,1	P	0	0,94	1,9
1380250_at	593,6	P	0	1260,6	P	0	0,94	1,9
1384968_at	192,6	A	0,4	390,5	P	0,02	0,94	1,9
1387036_at	123,8	P	0,05	148	P	0,01	0,94	1,9
1389571_at	432,7	P	0	629,4	P	0	0,94	1,9
1390835_at	129,7	A	0,27	288,4	P	0,01	0,94	1,9
1394077_at	233,6	A	0,08	447,4	P	0	0,94	1,9

1378257_at	381,6	A	0,1	986,3	P	0	0,93	1,9
1379425_at	95,3	A	0,37	225,2	P	0,02	0,93	1,9
1389538_at	163,5	P	0	293,2	P	0	0,93	1,9
1368976_at	68,4	P	0	146,9	P	0	0,92	1,9
1369181_at	104,6	A	0,19	216,3	P	0,03	0,92	1,9
1372027_at	133,2	A	0,15	230,4	P	0,05	0,92	1,9
1372187_at	181,8	P	0	337,2	P	0	0,92	1,9
1379281_at	350,4	P	0	677,2	P	0	0,92	1,9
1380850_at	56,3	A	0,25	126,7	P	0,01	0,92	1,9
1382680_at	40,4	A	0,43	90,3	P	0,05	0,92	1,9
1390529_at	378,7	P	0	677,3	P	0	0,92	1,9
1367655_at	61,9	A	0,13	138,9	P	0,01	0,91	1,9
1375346_at	73,3	A	0,37	127,7	P	0,03	0,91	1,9
1378679_at	384,6	P	0	915,2	P	0,01	0,91	1,9
1385359_at	524,3	P	0,01	1347,7	P	0	0,91	1,9
1385658_at	988,3	P	0	1754,5	P	0	0,91	1,9
1388792_at	187,6	P	0,01	377,1	P	0	0,91	1,9
1389039_at	58,9	A	0,11	117,1	P	0	0,91	1,9
1390383_at	204,7	P	0	366,4	P	0	0,91	1,9
1395557_at	154,8	A	0,08	302,2	P	0	0,91	1,9
1367721_at	907,6	P	0	1790,5	P	0	0,9	1,9
1370307_at	340,7	P	0	660,2	P	0	0,9	1,9
1371162_at	61,7	M	0,06	113,3	P	0,02	0,9	1,9
1371643_at	282	A	0,07	511,1	P	0	0,9	1,9
1378633_at	234,7	P	0,01	350,7	P	0	0,9	1,9
1383075_at	63,8	A	0,11	113,5	P	0,01	0,9	1,9
1387854_at	285,6	P	0,03	275,5	P	0,01	0,9	1,9
1393187_at	109,6	P	0,04	353,4	P	0	0,9	1,9
1369204_at	121,7	P	0,05	230,9	P	0	0,89	1,9
1369726_at	151,5	A	0,19	283,1	P	0,02	0,89	1,9
1370113_at	62,1	A	0,11	153	P	0,02	0,89	1,9
1371432_at	132,9	A	0,1	270,6	P	0,04	0,89	1,9
1373374_at	947,5	P	0	1450,6	P	0	0,89	1,9
1376675_at	81,5	A	0,07	193	P	0,02	0,89	1,9
1378592_at	85	P	0,05	200,7	P	0,01	0,89	1,9
1381132_at	114,8	P	0,02	291	P	0,01	0,89	1,9
1383447_at	236,5	A	0,07	433,4	P	0	0,89	1,9
1387950_at	107,4	P	0	202,3	P	0	0,89	1,9
1388312_at	391,2	P	0,01	471,2	P	0	0,89	1,9
1388674_at	192	A	0,17	314,8	P	0,04	0,89	1,9
1390707_at	419,7	P	0	755,9	P	0	0,89	1,9
1391579_at	174,6	A	0,17	279,9	P	0,01	0,89	1,9
1369310_at	181,4	A	0,07	352,9	P	0,01	0,88	1,8
1371090_at	190,9	P	0,01	234,2	P	0	0,88	1,8
1371974_at	406,1	P	0,01	683,3	P	0	0,88	1,8
1381428_a_at	1724,7	P	0	4061,9	P	0	0,88	1,8

1384163_at	546,2	P	0	1031,6	P	0	0,88	1,8
1392171_at	564,8	P	0	1133,2	P	0	0,88	1,8
1393893_at	131,7	A	0,15	238,1	P	0,02	0,88	1,8
1373410_at	113	P	0,02	173,3	P	0	0,87	1,8
1377686_at	474,8	P	0	838,3	P	0	0,87	1,8
1382040_at	561,3	P	0	1189,8	P	0	0,87	1,8
1390494_at	44,5	A	0,1	88,2	P	0,02	0,87	1,8
1395655_at	103	A	0,1	101,2	P	0	0,87	1,8
1367559_at	1226,4	P	0	2360,4	P	0	0,86	1,8
1367749_at	83,2	P	0,02	175,2	P	0,01	0,86	1,8
1372653_at	58,9	A	0,08	119,5	P	0,01	0,86	1,8
1379719_at	430,6	P	0	639,3	P	0	0,86	1,8
1380218_at	194,8	A	0,4	348,3	P	0,05	0,86	1,8
1389092_at	96,4	A	0,08	177,4	P	0,01	0,86	1,8
1398256_at	47	A	0,3	107	P	0,05	0,86	1,8
1368003_at	283,9	P	0	511,4	P	0	0,85	1,8
1372299_at	244,5	P	0,01	435,4	P	0	0,85	1,8
1374172_at	77,8	P	0	130,4	P	0	0,85	1,8
1374544_at	206,5	P	0	255,3	P	0	0,85	1,8
1374746_at	39,7	A	0,15	83,4	P	0,02	0,85	1,8
1375714_at	96,7	P	0	152,4	P	0	0,85	1,8
1384226_at	205,7	A	0,27	368,9	P	0,01	0,85	1,8
1390156_a_at	166,6	P	0,02	328,9	P	0	0,85	1,8
1390937_at	92,8	P	0,01	135,4	P	0	0,85	1,8
1391527_at	342,3	A	0,07	589,7	P	0	0,85	1,8
1368295_at	156,5	P	0,01	356,4	P	0	0,84	1,8
1369020_at	78,4	A	0,08	139,5	P	0,01	0,84	1,8
1369704_at	350,2	P	0	676	P	0	0,84	1,8
1369979_at	240,9	P	0,05	519,9	P	0,01	0,84	1,8
1373499_at	362,2	P	0	662,2	P	0	0,84	1,8
1376829_at	69,1	A	0,07	111,6	P	0	0,84	1,8
1379698_at	227,2	A	0,15	483	P	0,01	0,84	1,8
1387342_at	645,5	P	0	1316	P	0	0,84	1,8
1369262_at	35,8	A	0,27	63,3	P	0,04	0,83	1,8
1370687_a_at	481,2	P	0,01	727,9	P	0	0,83	1,8
1380346_at	330,2	A	0,15	533,3	P	0,01	0,83	1,8
1386662_at	323,8	A	0,13	598,9	P	0,01	0,83	1,8
1398369_at	144,7	P	0,02	298,6	P	0	0,83	1,8
1368353_at	4570,3	P	0	6634,7	P	0	0,82	1,8
1369970_at	252,9	A	0,15	231,5	P	0	0,82	1,8
1371310_s_at	325,7	P	0	529,5	P	0	0,82	1,8
1372481_at	98,3	P	0	183,8	P	0	0,82	1,8
1383263_at	282,8	P	0	419,2	P	0	0,82	1,8
1384457_at	158,9	A	0,13	361,7	P	0	0,82	1,8
1387346_at	168,8	P	0,03	276,9	P	0	0,82	1,8
1390459_at	137,2	M	0,06	229,2	P	0,03	0,82	1,8

1392489_at	158,5	P	0,01	330,7	P	0	0,82	1,8
1371998_at	315	P	0,04	700,9	P	0	0,81	1,8
1384822_at	286	P	0	419,3	P	0	0,81	1,8
1387938_at	443,5	P	0	666,8	P	0	0,81	1,8
1388320_at	594,9	P	0,03	1055,9	P	0,01	0,81	1,8
1389467_at	157,6	P	0,01	126,2	P	0	0,81	1,8
1394005_s_at	56,7	A	0,07	220	P	0,02	0,81	1,8
1370010_at	582,4	P	0	915,6	P	0	0,8	1,7
1374284_at	185,8	P	0	343,6	P	0	0,8	1,7
1375154_at	117,7	P	0	253,1	P	0	0,8	1,7
1381279_at	257,2	P	0	553	P	0	0,8	1,7
1389482_at	314,6	P	0	616,7	P	0	0,8	1,7
1392587_at	1610	P	0	2775,9	P	0	0,8	1,7
1394315_at	707,5	P	0	1161,9	P	0	0,8	1,7
1367584_at	304,4	P	0,05	541,7	P	0,04	0,79	1,7
1367800_at	268,3	P	0	431	P	0	0,79	1,7
1369669_at	45,8	A	0,13	73,2	P	0,01	0,79	1,7
1370928_at	587	P	0	1102,6	P	0	0,79	1,7
1371491_at	184	P	0	277,2	P	0	0,79	1,7
1372282_at	156,2	P	0,02	294,7	P	0	0,79	1,7
1372601_at	649,3	P	0	1046,7	P	0	0,79	1,7
1374838_at	54,8	M	0,06	190,4	P	0	0,79	1,7
1377153_a_at	58,4	P	0,05	131,8	P	0	0,79	1,7
1383135_at	2877,2	P	0	4550,1	P	0	0,79	1,7
1384971_at	119,9	A	0,07	177,4	P	0	0,79	1,7
1387004_at	102,6	M	0,06	255	P	0,02	0,79	1,7
1388127_at	286,8	P	0	459	P	0	0,79	1,7
1389172_at	475,1	P	0	709,5	P	0	0,79	1,7
1389423_at	110,4	P	0,02	211,8	P	0	0,79	1,7
1390146_at	139	P	0,01	241,3	P	0	0,79	1,7
1395695_at	373,4	P	0,01	692,7	P	0	0,79	1,7
1372478_at	189,3	P	0,03	351,2	P	0,01	0,78	1,7
1372818_at	108	P	0	192,5	P	0	0,78	1,7
1375633_at	247,9	A	0,11	482	P	0,03	0,78	1,7
1387205_at	315,1	P	0	644,2	P	0	0,78	1,7
1387808_at	50,3	P	0	120,7	P	0	0,78	1,7
1387856_at	929	P	0	1924,6	P	0	0,78	1,7
1390800_a_at	132,1	P	0,01	139,7	P	0	0,78	1,7
1371703_at	195,3	P	0	423,7	P	0	0,77	1,7
1374393_at	174,2	P	0	350,3	P	0	0,77	1,7
1377631_at	355,5	P	0	560,1	P	0	0,77	1,7
1378482_at	365,6	M	0,06	402,6	P	0	0,77	1,7
1382277_at	215,6	A	0,07	325,6	P	0,01	0,77	1,7
1384350_at	200,8	A	0,15	401,8	P	0	0,77	1,7
1388866_at	225,1	P	0	313,4	P	0	0,77	1,7
1390386_at	309,9	M	0,06	463,1	P	0,01	0,77	1,7

1370623_at	123,5	A	0,1	220,5	P	0,01	0,76	1,7
1376344_at	33,5	P	0,04	60,2	P	0	0,76	1,7
1377739_at	384,5	P	0,04	608,8	P	0,02	0,76	1,7
1379450_at	713,4	P	0	1209,4	P	0	0,76	1,7
1383519_at	121,7	A	0,15	199,2	P	0,02	0,76	1,7
1383910_at	334,7	P	0,01	605,5	P	0	0,76	1,7
1387687_at	26	A	0,25	55,1	P	0,01	0,76	1,7
1388140_at	210,3	P	0,01	390,1	P	0	0,76	1,7
1388500_at	649,4	P	0,01	1263,5	P	0	0,76	1,7
1393252_at	378,9	A	0,08	869,7	P	0	0,76	1,7
1368296_at	197,3	P	0,01	318,5	P	0	0,75	1,7
1370097_a_at	104,1	P	0,04	171,8	P	0,02	0,75	1,7
1371186_at	171,4	P	0,01	266,6	P	0	0,75	1,7
1371696_at	505,3	P	0	912,2	P	0	0,75	1,7
1374948_at	55,5	A	0,15	146,5	P	0,01	0,75	1,7
1380822_at	204,6	P	0	355,2	P	0	0,75	1,7
1383355_at	535,5	P	0,01	854,4	P	0	0,75	1,7
1389573_at	331,9	P	0	719	P	0	0,75	1,7
1390798_at	51,4	M	0,06	132,6	P	0,01	0,75	1,7
1392648_at	221,4	A	0,08	381	P	0	0,75	1,7
1368012_at	133,5	M	0,06	237,9	P	0,01	0,74	1,7
1371769_at	261,5	P	0,04	385,7	P	0,01	0,74	1,7
1373699_at	187,4	P	0	262,7	P	0	0,74	1,7
1374422_at	299,2	P	0	527,3	P	0	0,74	1,7
1376943_at	80,7	M	0,06	145,4	P	0,01	0,74	1,7
1377765_at	1006,8	P	0	1789,6	P	0	0,74	1,7
1383001_at	259,1	P	0,03	443,3	P	0	0,74	1,7
1388145_at	164,5	P	0	282,3	P	0	0,74	1,7
1388809_at	245,8	P	0,04	342,6	P	0,01	0,74	1,7
1389387_at	300,2	P	0	533,1	P	0	0,74	1,7
1389583_at	170,2	P	0,02	254,2	P	0	0,74	1,7
1389803_at	103,5	P	0,01	146,6	P	0	0,74	1,7
1392386_at	226,7	P	0	379,4	P	0	0,74	1,7
1368655_at	290,7	P	0,02	347,2	P	0	0,73	1,7
1370019_at	187,5	P	0	266,2	P	0	0,73	1,7
1375533_at	82,2	P	0	190,1	P	0	0,73	1,7
1377577_at	307,3	P	0,01	541,9	P	0	0,73	1,7
1387197_at	99,7	A	0,07	147	P	0,01	0,73	1,7
1390272_at	88,1	P	0	135,4	P	0	0,73	1,7
1398350_at	864,9	P	0	1661,9	P	0	0,73	1,7
1398771_at	1540,4	P	0	2902,4	P	0	0,73	1,7
1367807_at	181	P	0	333,2	P	0	0,72	1,6
1368379_at	149,2	P	0,01	199,3	P	0	0,72	1,6
1368535_at	177,4	P	0,01	351,1	P	0,01	0,72	1,6
1370408_at	57,2	A	0,08	100	P	0,01	0,72	1,6
1372421_at	364,5	P	0	633,2	P	0	0,72	1,6

1372647_at	117,1	P	0,02	240,1	P	0,01	0,72	1,6
1375951_at	44,2	P	0	90,1	P	0	0,72	1,6
1377642_at	312	P	0	417,6	P	0	0,72	1,6
1378446_at	161,3	A	0,19	218,4	P	0,01	0,72	1,6
1385923_at	120,7	A	0,17	109,5	P	0,01	0,72	1,6
1387599_a_at	219,5	P	0	336,5	P	0	0,72	1,6
1387874_at	577,3	P	0	934,2	P	0	0,72	1,6
1388725_at	281	P	0	470,1	P	0	0,72	1,6
1389271_at	122,6	A	0,19	191	P	0,05	0,72	1,6
1389528_s_at	524,1	P	0	758	P	0	0,72	1,6
1391347_at	287,9	A	0,13	712,3	P	0,02	0,72	1,6
1367682_at	700,8	P	0	1130,9	P	0	0,71	1,6
1368819_at	287,1	P	0	465,6	P	0	0,71	1,6
1370539_at	48,7	A	0,07	209,8	P	0	0,71	1,6
1373860_at	118	A	0,15	214,5	P	0,03	0,71	1,6
1383455_at	1243,8	P	0	2009,1	P	0	0,71	1,6
1385248_a_at	101,2	P	0,03	155,5	P	0	0,71	1,6
1390914_at	138,8	A	0,22	273,6	P	0,01	0,71	1,6
1395327_at	625,5	P	0	1018,1	P	0	0,71	1,6
1395654_at	68,2	A	0,13	122	P	0	0,71	1,6
1367784_a_at	3124,8	P	0	5149,7	P	0	0,7	1,6
1368027_at	121,5	A	0,17	230,3	P	0,02	0,7	1,6
1373544_at	96,8	A	0,11	134,1	P	0,02	0,7	1,6
1377943_at	134,2	A	0,17	250,9	P	0	0,7	1,6
1383565_at	213,8	P	0	249,4	P	0	0,7	1,6
1387077_at	167,8	P	0,02	285,1	P	0	0,7	1,6
1388447_at	285	P	0	574,4	P	0	0,7	1,6
1368511_at	1598,2	P	0	2016,4	P	0	0,69	1,6
1369481_at	46	P	0,05	79,9	P	0,01	0,69	1,6
1369788_s_at	610,5	P	0	902,1	P	0	0,69	1,6
1369794_a_at	201,4	P	0	296,9	P	0	0,69	1,6
1371943_at	139,6	A	0,13	273,3	P	0,05	0,69	1,6
1372665_at	1147,6	P	0	1825,1	P	0	0,69	1,6
1375523_at	916,8	P	0	1340,8	P	0	0,69	1,6
1377755_at	288	P	0,02	466,1	P	0	0,69	1,6
1379868_at	369,5	A	0,1	578,2	P	0	0,69	1,6
1384788_at	769,5	P	0	1151,2	P	0	0,69	1,6
1385572_at	524	A	0,22	756,8	P	0,02	0,69	1,6
1393643_at	121,1	P	0	182,6	P	0	0,69	1,6
1394327_at	95,1	A	0,19	172,6	P	0,02	0,69	1,6
1367571_a_at	1511,5	P	0	2271,6	P	0	0,68	1,6
1367847_at	143,3	P	0,05	204,7	P	0,01	0,68	1,6
1369973_at	94,8	P	0,02	130,7	P	0	0,68	1,6
1371104_at	466,3	P	0	675,1	P	0	0,68	1,6
1372246_at	385	P	0	674,3	P	0	0,68	1,6
1376790_at	135,9	P	0	223,1	P	0	0,68	1,6

1377172_at	44,3	A	0,11	106,4	P	0,05	0,68	1,6
1382500_at	391,4	A	0,1	622,5	P	0,01	0,68	1,6
1384177_at	302,5	P	0,01	511,2	P	0	0,68	1,6
1386967_at	173,9	P	0	307,3	P	0	0,68	1,6
1387566_at	71,7	P	0	150,8	P	0	0,68	1,6
1388114_at	366,6	P	0	715,8	P	0	0,68	1,6
1389304_at	105,7	P	0	179,1	P	0	0,68	1,6
1393021_at	110,3	P	0,01	183,9	P	0	0,68	1,6
1393458_s_at	146,1	P	0,01	297,3	P	0	0,68	1,6
1397185_at	797	P	0,01	1380,3	P	0	0,68	1,6
1367887_at	423,4	P	0	735,8	P	0	0,67	1,6
1368826_at	479,9	P	0	680,9	P	0	0,67	1,6
1370166_at	377,2	P	0	622,6	P	0	0,67	1,6
1374404_at	272	P	0	438	P	0	0,67	1,6
1379346_at	1055	P	0	1690,8	P	0	0,67	1,6
1387870_at	137,1	P	0	282,9	P	0	0,67	1,6
1390638_at	150,9	P	0	242,6	P	0	0,67	1,6
1391013_at	91	P	0,03	213	P	0	0,67	1,6
1395265_at	1183,1	P	0	2296,8	P	0	0,67	1,6
1396117_at	585,6	P	0	835,2	P	0	0,67	1,6
1397436_at	115,7	A	0,15	296,9	P	0,02	0,67	1,6
1368075_at	201,3	P	0,01	324,2	P	0,01	0,66	1,6
1368249_at	328	P	0	530,1	P	0	0,66	1,6
1370530_a_at	114,1	P	0,01	178,9	P	0	0,66	1,6
1371487_at	372,3	P	0	473,2	P	0	0,66	1,6
1374043_at	406,5	P	0	690	P	0	0,66	1,6
1374468_at	96,9	P	0	197	P	0	0,66	1,6
1374526_at	405,6	P	0	650,9	P	0	0,66	1,6
1377287_at	111,3	P	0	156,5	P	0	0,66	1,6
1380044_x_at	40,4	P	0,03	157,4	P	0	0,66	1,6
1383291_at	330,1	P	0	535,5	P	0	0,66	1,6
1386926_at	318,4	P	0	481,4	P	0	0,66	1,6
1388659_at	206,6	P	0	315,8	P	0	0,66	1,6
1393085_at	631,5	P	0	889,5	P	0	0,66	1,6
1394033_at	117	P	0,01	219,9	P	0	0,66	1,6
1367687_a_at	425,7	P	0	593	P	0	0,65	1,6
1367741_at	424,9	P	0,01	532,1	P	0	0,65	1,6
1367831_at	291,1	P	0	519,5	P	0	0,65	1,6
1368342_at	179,8	P	0	387,6	P	0	0,65	1,6
1371894_at	666	P	0	956,5	P	0	0,65	1,6
1373282_at	401	P	0	624,6	P	0	0,65	1,6
1374006_at	228,6	A	0,07	264,6	P	0,03	0,65	1,6
1374440_at	381	P	0	572,6	P	0	0,65	1,6
1383240_at	619,2	P	0	880,8	P	0	0,65	1,6
1387178_a_at	515,4	P	0,01	718,5	P	0	0,65	1,6
1387376_at	131,2	P	0	203,1	P	0	0,65	1,6

1367614_at	150,7	P	0,04	255,6	P	0	0,64	1,6
1368200_at	458,9	P	0,02	693,9	P	0,02	0,64	1,6
1368202_a_at	261,9	P	0,01	333,7	P	0	0,64	1,6
1373043_at	463,6	P	0	736,4	P	0	0,64	1,6
1379942_at	987,3	P	0	1513,7	P	0	0,64	1,6
1383546_at	465,9	A	0,15	782,6	P	0,01	0,64	1,6
1385072_at	99,9	P	0	163,8	P	0	0,64	1,6
1388887_at	119,6	A	0,07	296,8	P	0	0,64	1,6
1391428_at	104,5	P	0,01	130,4	P	0	0,64	1,6
1369031_at	151,1	P	0,01	234,9	P	0	0,63	1,5
1369285_at	146,7	P	0	229,5	P	0	0,63	1,5
1369705_at	651,1	P	0	953,5	P	0	0,63	1,5
1370220_at	567,7	P	0	985,8	P	0	0,63	1,5
1370234_at	429,1	P	0	670,5	P	0	0,63	1,5
1371244_at	862,1	P	0	1382,5	P	0	0,63	1,5
1371951_at	64,3	A	0,19	93	P	0,03	0,63	1,5
1372056_at	94,7	P	0	127,3	P	0	0,63	1,5
1372643_at	405,2	P	0	725,7	P	0	0,63	1,5
1376591_a_at	289,5	P	0	354,5	P	0	0,63	1,5
1377992_at	586,9	A	0,07	831,3	P	0,02	0,63	1,5
1378131_at	313,6	P	0,05	449,7	P	0	0,63	1,5
1378472_at	532,9	P	0	844,9	P	0	0,63	1,5
1382081_at	569,4	A	0,11	492,6	P	0,01	0,63	1,5
1383301_at	442,3	A	0,15	578,5	P	0,03	0,63	1,5
1387389_at	110,9	M	0,06	160,1	P	0,02	0,63	1,5
1387669_a_at	130	P	0,02	290,2	P	0	0,63	1,5
1389422_at	236,2	P	0	461,8	P	0	0,63	1,5
1397924_at	228,8	P	0,01	583,6	P	0	0,63	1,5
1372459_at	325,4	P	0	440,7	P	0	0,62	1,5
1373757_at	782,2	P	0	1409,6	P	0	0,62	1,5
1378745_at	378,7	A	0,15	665,2	P	0,04	0,62	1,5
1388945_at	89,6	P	0	149,8	P	0	0,62	1,5
1368564_at	275,9	P	0	511,1	P	0	0,61	1,5
1370351_at	404	P	0	573,3	P	0	0,61	1,5
1371037_at	112,2	A	0,17	265	P	0	0,61	1,5
1375436_at	282,1	A	0,08	507,8	P	0,05	0,61	1,5
1378180_at	313,5	A	0,19	512,8	P	0,01	0,61	1,5
1379038_at	138,4	A	0,3	321,6	P	0,05	0,61	1,5
1382161_at	128,5	P	0	296,6	P	0	0,61	1,5
1385848_s_at	340,2	A	0,27	574,2	P	0,02	0,61	1,5
1387260_at	118,4	A	0,08	151,9	P	0,01	0,61	1,5
1388721_at	78,8	A	0,19	180,6	P	0	0,61	1,5
1388759_at	1040,5	P	0	1396,1	P	0	0,61	1,5
1388900_at	749,2	P	0	1200,9	P	0	0,61	1,5
1389675_at	61,6	A	0,08	139	P	0,02	0,61	1,5
1392922_at	608,5	P	0	1043,5	P	0	0,61	1,5

1398255_at	200,3	P	0,01	328	P	0,01	0,61	1,5
1367661_at	108,3	M	0,06	175,9	P	0	0,6	1,5
1367724_a_at	950	P	0	1540	P	0	0,6	1,5
1369633_at	298,2	P	0	424,8	P	0	0,6	1,5
1369941_at	299,3	P	0	434,2	P	0	0,6	1,5
1370174_at	271,7	P	0	419	P	0	0,6	1,5
1370850_at	176,1	P	0,01	263,9	P	0	0,6	1,5
1372162_at	232,1	P	0	501,9	P	0	0,6	1,5
1372518_at	115,7	P	0,01	231,1	P	0,01	0,6	1,5
1373114_at	286,9	P	0,03	434,5	P	0,01	0,6	1,5
1378321_at	622,4	P	0	992,5	P	0	0,6	1,5
1380373_at	392,3	P	0,05	475	P	0	0,6	1,5
1380425_at	159,4	M	0,06	244,7	P	0,01	0,6	1,5
1387420_at	333,2	P	0	484,9	P	0	0,6	1,5
1388116_at	290,7	P	0,01	455	P	0	0,6	1,5
1389002_at	284,5	P	0,02	341,1	P	0,01	0,6	1,5
1390200_at	186,8	P	0	210	P	0	0,6	1,5
1368326_at	303,8	P	0	411,1	P	0	0,59	1,5
1370810_at	145,3	P	0	216,1	P	0	0,59	1,5
1372727_at	87,6	P	0,01	123,1	P	0	0,59	1,5
1372935_at	141,4	P	0,02	155,8	P	0	0,59	1,5
1375138_at	216,6	P	0	394,3	P	0	0,59	1,5
1378365_at	420,2	P	0	957,9	P	0	0,59	1,5
1383852_at	213,4	A	0,15	290,1	P	0,05	0,59	1,5
1387072_at	185,9	A	0,07	256,7	P	0,02	0,59	1,5
1388763_at	301,1	P	0,01	439,8	P	0	0,59	1,5
1390989_at	656,5	P	0	1255,4	P	0	0,59	1,5
1392935_at	452,8	P	0	605,5	P	0	0,59	1,5
1394743_at	164,6	A	0,13	307	P	0	0,59	1,5
1398319_at	159,4	P	0	263,7	P	0	0,59	1,5
1367576_at	926,8	P	0	1671,6	P	0	0,58	1,5
1367659_s_at	196,6	P	0	364,1	P	0	0,58	1,5
1367709_at	1932,6	P	0	3100,3	P	0	0,58	1,5
1367794_at	488,5	P	0	671,3	P	0	0,58	1,5
1369527_at	162,8	P	0,02	269,5	P	0	0,58	1,5
1370342_at	59,4	P	0	83,8	P	0	0,58	1,5
1371325_at	651,2	P	0,01	1013,4	P	0	0,58	1,5
1371541_at	334,8	P	0	373,5	P	0	0,58	1,5
1372777_at	212,4	P	0	345,9	P	0	0,58	1,5
1373418_at	682,8	P	0	1050,2	P	0	0,58	1,5
1373913_at	157,4	P	0	238,1	P	0	0,58	1,5
1374578_at	257,2	P	0	330,8	P	0	0,58	1,5
1376102_at	265,7	P	0	405,9	P	0	0,58	1,5
1377795_at	680,7	P	0	1033,4	P	0	0,58	1,5
1379380_at	125,8	A	0,11	169,4	P	0,02	0,58	1,5
1380416_at	482,8	P	0	566,7	P	0	0,58	1,5

1384179_at	48,6	P	0,03	90,4	P	0	0,58	1,5
1384393_at	155,2	P	0	376,8	P	0	0,58	1,5
1385752_at	303,9	P	0	608,5	P	0	0,58	1,5
1386888_at	249,2	A	0,22	447,3	P	0,01	0,58	1,5
1388122_at	951	P	0	1275,1	P	0	0,58	1,5
1388619_at	363,4	P	0	605	P	0	0,58	1,5
1393162_at	412,6	A	0,07	595	P	0,01	0,58	1,5
1367945_at	452,5	P	0	705,4	P	0	0,57	1,5
1371615_at	302,6	P	0,01	503,9	P	0,01	0,57	1,5
1371691_at	267,2	P	0	350,9	P	0	0,57	1,5
1371724_at	532,9	P	0	774,9	P	0	0,57	1,5
1372003_at	237,4	P	0,04	312,1	P	0,01	0,57	1,5
1373062_at	134,7	P	0,03	218,6	P	0,02	0,57	1,5
1374799_at	44,6	P	0,01	81,9	P	0	0,57	1,5
1381162_at	255,8	P	0	417	P	0	0,57	1,5
1381525_at	836,5	P	0,02	1323,7	P	0	0,57	1,5
1382283_at	413,4	P	0,01	603,5	P	0	0,57	1,5
1384352_at	228,9	P	0,05	331	P	0	0,57	1,5
1387028_a_at	282,6	P	0	532,8	P	0	0,57	1,5
1390832_at	753,6	P	0	1222,5	P	0	0,57	1,5
1393317_at	1182,5	P	0	1627,5	P	0	0,57	1,5
1398479_at	433,5	P	0	471	P	0	0,57	1,5
1368846_at	144,7	P	0,01	254	P	0	0,56	1,5
1371946_at	426,3	P	0	634	P	0	0,56	1,5
1372926_at	53,3	P	0	82	P	0	0,56	1,5
1372953_at	757,6	P	0	903,9	P	0	0,56	1,5
1373066_at	271,7	P	0	365,4	P	0	0,56	1,5
1373678_at	579	P	0	855,7	P	0	0,56	1,5
1373959_at	220	P	0,03	295	P	0,01	0,56	1,5
1374557_at	254,9	P	0,01	275,7	P	0	0,56	1,5
1374686_at	29,5	P	0,02	52,4	P	0,01	0,56	1,5
1377848_at	220,6	A	0,27	165,5	P	0,02	0,56	1,5
1379803_at	352,1	P	0,04	465	P	0	0,56	1,5
1382381_at	276	P	0	846,7	P	0	0,56	1,5
1386637_at	171,7	P	0,03	348	P	0	0,56	1,5
1387925_at	365,8	P	0	531,2	P	0	0,56	1,5
1387958_at	39,2	A	0,3	70	P	0,03	0,56	1,5
1389263_at	81,8	A	0,15	129,3	P	0	0,56	1,5
1389617_at	111,8	P	0	165,9	P	0	0,56	1,5
1389903_at	650,9	P	0	911,3	P	0	0,56	1,5
1390171_at	162	P	0	240,6	P	0	0,56	1,5
1391593_at	226,3	A	0,19	459,6	P	0,01	0,56	1,5
1367735_at	240,2	P	0	352	P	0	0,55	1,5
1367737_at	657,9	P	0	887,9	P	0	0,55	1,5
1368080_at	358,7	P	0	438	P	0	0,55	1,5
1368973_at	438,5	P	0,04	590,2	P	0,01	0,55	1,5

1370281_at	831,6	P	0	1237,7	P	0	0,55	1,5
1371735_at	805,5	P	0	1137,3	P	0	0,55	1,5
1371821_at	546,9	P	0	797,1	P	0	0,55	1,5
1371922_at	158,2	P	0,01	258,3	P	0	0,55	1,5
1372871_at	194,4	P	0,01	205,9	P	0	0,55	1,5
1377603_at	756,5	P	0,02	644	P	0	0,55	1,5
1379663_at	664,9	P	0,03	870,8	P	0,01	0,55	1,5
1380318_at	988	M	0,06	1528,5	P	0,02	0,55	1,5
1381822_x_at	692,6	P	0	826,6	P	0	0,55	1,5
1385625_at	676,9	P	0,03	888,5	P	0	0,55	1,5
1387957_a_at	257,2	P	0,01	396,4	P	0,01	0,55	1,5
1388773_at	58,8	A	0,13	110,7	P	0,02	0,55	1,5
1389885_at	584,7	P	0	1005,7	P	0	0,55	1,5
1394324_at	668,5	P	0	995,4	P	0	0,55	1,5
1368030_at	228,3	P	0	326,3	P	0	0,54	1,5
1368125_at	117	P	0,03	146,1	P	0	0,54	1,5
1368732_at	173,1	P	0,03	262,5	P	0,02	0,54	1,5
1370244_at	644,8	P	0	1055,3	P	0	0,54	1,5
1371483_at	428,8	P	0	573,9	P	0	0,54	1,5
1373178_at	430,6	P	0	653,5	P	0	0,54	1,5
1374200_at	208,9	P	0,01	340,3	P	0	0,54	1,5
1374505_at	243,9	P	0	436,8	P	0	0,54	1,5
1374601_at	374,1	P	0,01	661,6	P	0	0,54	1,5
1377198_at	222,6	A	0,1	308,2	P	0,04	0,54	1,5
1378930_a_at	335,7	P	0	432,4	P	0	0,54	1,5
1381968_at	439,1	P	0,01	595,3	P	0	0,54	1,5
1383705_at	491,1	P	0,01	635,3	P	0	0,54	1,5
1383748_at	437,1	A	0,08	640,8	P	0,02	0,54	1,5
1390325_at	319,2	P	0	503	P	0	0,54	1,5
1391649_a_at	141,4	A	0,07	223,6	P	0,05	0,54	1,5
1392813_at	1107,6	P	0	2443,4	P	0	0,54	1,5
1393696_at	438,9	P	0,01	597,9	P	0	0,54	1,5
1395122_s_at	244,2	A	0,07	302,8	P	0,01	0,54	1,5
1396171_at	203,5	P	0	318,2	P	0	0,54	1,5
1367811_at	889,8	P	0	1409	P	0	0,53	1,4
1368044_at	635,6	P	0	816,2	P	0	0,53	1,4
1368096_at	554,8	P	0	873,5	P	0	0,53	1,4
1368420_at	50,5	P	0,05	100,8	P	0	0,53	1,4
1370014_at	608,5	P	0	834,2	P	0	0,53	1,4
1370167_at	352,2	P	0	537,1	P	0	0,53	1,4
1371517_at	171,3	A	0,08	190,2	P	0,01	0,53	1,4
1371646_at	425,9	P	0	543,4	P	0	0,53	1,4
1372042_at	108,2	P	0,03	164,9	P	0	0,53	1,4
1373661_a_at	92,6	M	0,06	128,8	P	0,01	0,53	1,4
1375933_at	61,5	A	0,1	152,6	P	0	0,53	1,4
1382903_at	604,3	P	0	659,6	P	0	0,53	1,4

1384147_at	139,9	A	0,11	159,3	P	0,01	0,53	1,4
1384468_at	514,5	P	0,01	843,1	P	0	0,53	1,4
1388557_at	77,7	P	0,03	83,4	P	0	0,53	1,4
1367604_at	395,9	P	0,01	538	P	0	0,52	1,4
1367635_at	942	P	0	1765,9	P	0	0,52	1,4
1367764_at	352,4	P	0	570,8	P	0	0,52	1,4
1368918_at	77,2	A	0,22	128,8	P	0,05	0,52	1,4
1369868_at	181	P	0	311,3	P	0	0,52	1,4
1370940_at	174,4	P	0	353,3	P	0	0,52	1,4
1372686_at	502,7	P	0,01	681,3	P	0	0,52	1,4
1373152_at	95,7	P	0,01	171	P	0	0,52	1,4
1376022_at	981,5	P	0	1259,3	P	0	0,52	1,4
1377759_at	165,7	P	0,02	255	P	0	0,52	1,4
1383085_at	464,6	P	0	822,7	P	0	0,52	1,4
1383896_at	281,3	P	0,01	401,1	P	0	0,52	1,4
1384183_at	742,9	P	0	1133,9	P	0	0,52	1,4
1384882_at	508,3	P	0	546,8	P	0	0,52	1,4
1388578_at	329	P	0,01	463,6	P	0	0,52	1,4
1396167_at	309,1	A	0,07	405,9	P	0,04	0,52	1,4
1368981_at	1294,9	P	0	2008,5	P	0	0,51	1,4
1370057_at	961	P	0	1656,9	P	0	0,51	1,4
1370923_at	76,8	A	0,07	125,6	P	0	0,51	1,4
1372308_at	117,8	A	0,22	151,9	P	0,04	0,51	1,4
1372646_at	147,9	P	0,05	210,7	P	0,01	0,51	1,4
1373072_at	604,2	P	0	892,7	P	0	0,51	1,4
1373466_at	126,7	P	0	206,1	P	0	0,51	1,4
1373592_at	200,6	P	0,02	298,4	P	0,01	0,51	1,4
1374537_at	296,2	P	0	426,9	P	0	0,51	1,4
1375892_at	359,9	P	0	365,9	P	0	0,51	1,4
1376804_at	270	P	0	354,5	P	0	0,51	1,4
1378110_at	814,5	P	0,03	1153	P	0,01	0,51	1,4
1382086_at	730,7	P	0	835,7	P	0	0,51	1,4
1383236_at	435,7	P	0	425,5	P	0	0,51	1,4
1388335_at	337,3	P	0,01	486,4	P	0,01	0,51	1,4
1388596_at	473,5	P	0	698,8	P	0	0,51	1,4
1391808_at	48,5	P	0,03	79,6	P	0	0,51	1,4
1395665_at	398,1	P	0	526	P	0	0,51	1,4
1367986_at	106,5	P	0,01	131,9	P	0,01	0,5	1,4
1369056_at	77,4	M	0,06	121,1	P	0	0,5	1,4
1369504_at	152,1	P	0,01	206,8	P	0	0,5	1,4
1370163_at	512,4	P	0	708,2	P	0	0,5	1,4
1371727_at	355,1	P	0	477,4	P	0	0,5	1,4
1373937_at	166,7	P	0	209,6	P	0	0,5	1,4
1375964_at	139	P	0,01	183	P	0,01	0,5	1,4
1382843_at	444,9	P	0	643,3	P	0	0,5	1,4
1383401_at	497,9	P	0,03	619,3	P	0,02	0,5	1,4

1383712_at	2116,9	P	0	2685,3	P	0	0,5	1,4
1390786_at	1456,3	P	0	2479,1	P	0	0,5	1,4
1393210_at	595,6	P	0	916,1	P	0	0,5	1,4
1367795_at	319,7	P	0	520,4	P	0	0,49	1,4
1368215_at	495,7	P	0,01	633,1	P	0	0,49	1,4
1370141_at	280,2	P	0,03	337,2	P	0,01	0,49	1,4
1370941_at	209,4	P	0	221,4	P	0	0,49	1,4
1371518_at	241	P	0	513,2	P	0	0,49	1,4
1373679_at	272,4	P	0,02	397,9	P	0,02	0,49	1,4
1375640_at	177,3	P	0	217,7	P	0	0,49	1,4
1375658_at	549,2	P	0	807,9	P	0	0,49	1,4
1375932_at	174,2	A	0,17	309	P	0,05	0,49	1,4
1376006_at	277,8	P	0	461,5	P	0	0,49	1,4
1379316_at	449,1	A	0,11	757,4	P	0	0,49	1,4
1379561_at	1547,2	P	0	2410,3	P	0	0,49	1,4
1379785_at	501,3	P	0,01	562,8	P	0	0,49	1,4
1383059_a_at	267,6	P	0	344,3	P	0	0,49	1,4
1383494_at	505,9	P	0,01	649,9	P	0	0,49	1,4
1385458_a_at	162,1	P	0	248,7	P	0	0,49	1,4
1388999_at	318,6	P	0	348,8	P	0	0,49	1,4
1389042_at	169,3	P	0,01	250,3	P	0	0,49	1,4
1389227_at	634,5	P	0	961,2	P	0	0,49	1,4
1391456_at	318,6	P	0,02	734,3	P	0	0,49	1,4
1392590_at	152,6	P	0,02	313,4	P	0	0,49	1,4
1395687_at	307,4	P	0,01	346,2	P	0	0,49	1,4
1368331_at	126,2	P	0	230,1	P	0	0,48	1,4
1368990_at	114,9	P	0,02	154,3	P	0,01	0,48	1,4
1370845_at	183,7	P	0,01	326,1	P	0	0,48	1,4
1371295_at	1848,3	P	0	2575	P	0	0,48	1,4
1371382_at	227,3	P	0,01	359	P	0	0,48	1,4
1372297_at	451,1	P	0	597,6	P	0	0,48	1,4
1372885_at	407,6	P	0	663,2	P	0	0,48	1,4
1373222_at	428,7	P	0	647,4	P	0	0,48	1,4
1374013_at	358,7	M	0,06	471,6	P	0,02	0,48	1,4
1374588_at	67,4	P	0,02	139,8	P	0	0,48	1,4
1374719_at	333,9	P	0,02	483,1	P	0	0,48	1,4
1376100_at	48,3	A	0,3	34,3	P	0,01	0,48	1,4
1381030_at	273,6	P	0,01	564,6	P	0	0,48	1,4
1382303_at	502,5	P	0	589,9	P	0	0,48	1,4
1383986_at	2320,2	P	0	3053,7	P	0	0,48	1,4
1387885_at	471,6	P	0	626,8	P	0	0,48	1,4
1390532_at	265,4	P	0	500,6	P	0	0,48	1,4
1392719_at	354,2	P	0,01	445,8	P	0	0,48	1,4
1393240_at	469	A	0,07	871	P	0	0,48	1,4
1393702_at	647,2	P	0	1033,7	P	0	0,48	1,4
1393822_at	362,8	A	0,15	484,1	P	0	0,48	1,4

1396820_at	940,3	P	0	1302,6	P	0	0,48	1,4
1367651_at	2433,9	P	0	2613,1	P	0	0,47	1,4
1368437_at	1069,9	P	0	1777,7	P	0	0,47	1,4
1368865_at	74	P	0	115,6	P	0	0,47	1,4
1369909_s_at	286,8	P	0,03	385,2	P	0,01	0,47	1,4
1372440_at	811	P	0	984,2	P	0	0,47	1,4
1374293_at	444,5	P	0,04	465,3	P	0,02	0,47	1,4
1376765_at	384,4	P	0	559,5	P	0	0,47	1,4
1377893_at	984,4	P	0,01	1258,5	P	0,01	0,47	1,4
1379629_at	636,4	A	0,11	553,3	P	0,04	0,47	1,4
1385143_at	491,9	P	0,01	558,2	P	0	0,47	1,4
1386878_at	592,7	P	0	782,5	P	0	0,47	1,4
1387806_at	719,5	P	0	992,3	P	0	0,47	1,4
1390585_at	122,3	P	0,02	155,6	P	0,01	0,47	1,4
1397652_at	506,7	P	0,01	936,4	P	0	0,47	1,4
1367631_at	93,5	P	0,01	147	P	0	0,46	1,4
1368536_at	2365,6	P	0	3290,1	P	0	0,46	1,4
1370968_at	379	P	0	560,1	P	0	0,46	1,4
1371905_at	572,1	P	0	753,2	P	0	0,46	1,4
1372002_at	2585,4	P	0	3731	P	0	0,46	1,4
1373651_at	138,6	P	0,04	173,9	P	0	0,46	1,4
1374550_at	283,1	P	0	433,6	P	0	0,46	1,4
1387227_at	289,1	P	0,02	495,1	P	0,01	0,46	1,4
1387889_at	294,7	P	0	427	P	0	0,46	1,4
1388445_at	379,1	P	0	595,2	P	0	0,46	1,4
1389365_at	483,3	P	0	702,2	P	0	0,46	1,4
1389374_at	171	P	0	247,3	P	0	0,46	1,4
1392289_at	877,3	P	0	1268,7	P	0	0,46	1,4
1393887_at	1177,5	P	0	1796,3	P	0	0,46	1,4
1367639_a_at	3046,6	P	0	4088,7	P	0	0,45	1,4
1368047_at	204,2	P	0,05	281,3	P	0,01	0,45	1,4
1368144_at	207,9	P	0	238,6	P	0	0,45	1,4
1370832_at	127,8	P	0,03	140,6	P	0	0,45	1,4
1370844_at	567	P	0	776,4	P	0	0,45	1,4
1372500_at	107,4	P	0,01	104,3	P	0	0,45	1,4
1372624_at	253,3	P	0	356,3	P	0	0,45	1,4
1374540_at	79,1	M	0,06	140,4	P	0,02	0,45	1,4
1377042_at	316,4	P	0	442,3	P	0	0,45	1,4
1388413_at	188,7	P	0,01	269,2	P	0	0,45	1,4
1388628_at	154,9	A	0,13	222	P	0,01	0,45	1,4
1388857_at	502,7	P	0	770,3	P	0	0,45	1,4
1390215_at	80	P	0,04	98,3	P	0	0,45	1,4
1392044_at	805,4	P	0	1046,9	P	0	0,45	1,4
1393143_at	874,3	P	0	1142,8	P	0	0,45	1,4
1398840_at	160,4	P	0,02	232,5	P	0,01	0,45	1,4
1368577_at	385,1	P	0	531,9	P	0	0,44	1,4

1371659_at	285,6	P	0,01	570,3	P	0	0,44	1,4
1374144_at	224,9	P	0	312	P	0	0,44	1,4
1375566_at	149,9	A	0,13	234,4	P	0,02	0,44	1,4
1375572_at	84,2	P	0,05	99,5	P	0,01	0,44	1,4
1377669_at	371,5	A	0,07	593,3	P	0,01	0,44	1,4
1380692_at	99,4	P	0,04	149,6	P	0	0,44	1,4
1382189_at	1976	P	0	2455,2	P	0	0,44	1,4
1383041_x_at	498,8	P	0,01	769,9	P	0,01	0,44	1,4
1383616_at	573,9	P	0,02	538,4	P	0	0,44	1,4
1386968_at	347,1	P	0	454,6	P	0	0,44	1,4
1389107_at	208,3	P	0	309,2	P	0	0,44	1,4
1389413_at	563,7	P	0	838,7	P	0	0,44	1,4
1391637_at	145,5	A	0,37	207,8	P	0	0,44	1,4
1393075_at	621,6	P	0	917,6	P	0	0,44	1,4
1393561_at	265,9	P	0	370,7	P	0	0,44	1,4
1398303_s_at	175,9	P	0,01	305,3	P	0,01	0,44	1,4
1399159_a_at	772,6	P	0	1043,9	P	0	0,44	1,4
1367931_a_at	524,3	P	0	606,3	P	0	0,43	1,3
1369640_at	543,6	P	0	713,1	P	0	0,43	1,3
1370348_at	230	P	0	374,9	P	0	0,43	1,3
1370442_at	93,5	P	0	163,7	P	0	0,43	1,3
1372106_at	202,9	P	0,02	302,7	P	0,03	0,43	1,3
1372473_at	997,7	P	0	1313,8	P	0	0,43	1,3
1372758_at	284,4	P	0,01	396,1	P	0,01	0,43	1,3
1374118_at	534,5	P	0	809,5	P	0	0,43	1,3
1383040_a_at	1165,6	P	0	1710	P	0	0,43	1,3
1389274_at	436,8	P	0,01	682,5	P	0,01	0,43	1,3
1389310_at	180,3	P	0	275,2	P	0	0,43	1,3
1389705_at	213	P	0	283,7	P	0	0,43	1,3
1392948_at	1088,8	P	0	1273,7	P	0	0,43	1,3
1393449_at	706,2	P	0,01	961	P	0	0,43	1,3
1394565_at	1375,1	P	0	1861,7	P	0	0,43	1,3
1397634_at	1111,7	P	0	1127,6	P	0	0,43	1,3
1367605_at	1345,1	P	0	1688,5	P	0	0,42	1,3
1367722_at	1025,3	P	0	1499,5	P	0	0,42	1,3
1368975_at	136,9	P	0,01	164,3	P	0	0,42	1,3
1369944_at	1120,9	P	0	1127,5	P	0	0,42	1,3
1370290_at	863,5	P	0	986	P	0	0,42	1,3
1370816_at	429,3	P	0	627,6	P	0	0,42	1,3
1373397_at	657,2	P	0	821,6	P	0	0,42	1,3
1376249_at	209,8	P	0	250,7	P	0	0,42	1,3
1378181_at	460	P	0,01	534,6	P	0	0,42	1,3
1378287_at	1122,4	P	0	1619,1	P	0	0,42	1,3
1379260_at	1635,2	P	0	2197	P	0	0,42	1,3
1383549_at	333,7	P	0,05	446,5	P	0,01	0,42	1,3
1384515_at	384,2	P	0,01	537,9	P	0	0,42	1,3

1387883_a_at	5870,9	P	0	8019	P	0	0,42	1,3
1390531_at	170,8	P	0,05	303,7	P	0	0,42	1,3
1392464_at	445,7	A	0,08	767,5	P	0,01	0,42	1,3
1394616_at	783,6	P	0	924,2	P	0	0,42	1,3
1397313_at	764,8	P	0	990,3	P	0	0,42	1,3
1397851_at	1532	P	0	2051,2	P	0	0,42	1,3
1398387_at	177,1	P	0,01	238,6	P	0	0,42	1,3
1398882_at	2524	P	0	3219	P	0	0,42	1,3
1367999_at	472	P	0	684,8	P	0	0,41	1,3
1370814_at	220	P	0	259,9	P	0	0,41	1,3
1371322_at	284,7	P	0	383,6	P	0	0,41	1,3
1372409_at	189,8	P	0	224,4	P	0	0,41	1,3
1373143_at	208,1	P	0	260,5	P	0	0,41	1,3
1374629_at	213,4	P	0	245,6	P	0	0,41	1,3
1375170_at	191,6	P	0	295,5	P	0	0,41	1,3
1377121_at	196,5	P	0	293,1	P	0	0,41	1,3
1383697_at	450,6	P	0	895,4	P	0	0,41	1,3
1383849_at	900,3	P	0	1208,7	P	0	0,41	1,3
1383863_at	956	P	0	1504,8	P	0	0,41	1,3
1386252_at	350,9	P	0,03	520	P	0	0,41	1,3
1388356_at	1209,8	P	0	1453	P	0	0,41	1,3
1388415_at	207,7	P	0	269,3	P	0	0,41	1,3
1388455_at	682,4	P	0	984,6	P	0	0,41	1,3
1388587_at	173,3	P	0	288,2	P	0	0,41	1,3
1390437_at	111,9	P	0,01	158,1	P	0	0,41	1,3
1369625_at	109,7	A	0,15	145,1	P	0,01	0,4	1,3
1370202_at	857,1	P	0	1052,6	P	0	0,4	1,3
1371481_at	1231,8	P	0	1559,8	P	0	0,4	1,3
1371847_at	164,9	P	0,01	293,6	P	0	0,4	1,3
1371968_at	687,4	P	0	1054,3	P	0	0,4	1,3
1372463_at	275,6	P	0	361	P	0	0,4	1,3
1372814_at	222,8	P	0,02	321,4	P	0,02	0,4	1,3
1373709_at	309,3	P	0	392,2	P	0	0,4	1,3
1375358_at	203,6	P	0	283,9	P	0	0,4	1,3
1376641_at	241,8	P	0	329,1	P	0	0,4	1,3
1376770_at	506,2	P	0	678,4	P	0	0,4	1,3
1377345_at	163,4	P	0,01	209,6	P	0,01	0,4	1,3
1382873_at	424,4	A	0,07	507,6	P	0,01	0,4	1,3
1384011_a_at	440,4	P	0	685,6	P	0	0,4	1,3
1385978_at	977,6	P	0	1261,1	P	0	0,4	1,3
1387153_at	367,6	P	0,03	420,2	P	0,01	0,4	1,3
1387916_at	164,6	A	0,25	186,1	P	0,05	0,4	1,3
1388711_at	136	P	0	206,2	P	0	0,4	1,3
1389110_at	716,2	P	0	965,9	P	0	0,4	1,3
1390121_at	362,7	M	0,06	491,6	P	0,02	0,4	1,3
1390893_at	175,6	P	0	219,7	P	0	0,4	1,3

1392872_at	68,8	A	0,08	119	P	0,02	0,4	1,3
1392972_at	671,2	P	0	852,7	P	0	0,4	1,3
1393983_at	929,5	P	0	1170,8	P	0	0,4	1,3
1399062_at	261,1	P	0	392	P	0	0,4	1,3
1399127_at	186,2	P	0	250,6	P	0	0,4	1,3
1367802_at	655,1	P	0	996	P	0	0,39	1,3
1370000_at	88,2	P	0,01	167,5	P	0	0,39	1,3
1371366_at	1160,1	P	0	1741,8	P	0	0,39	1,3
1371781_at	516	P	0	642,7	P	0	0,39	1,3
1374332_at	102,7	P	0	137,5	P	0	0,39	1,3
1378032_at	257,6	A	0,08	258,2	P	0,01	0,39	1,3
1379687_at	2265,1	P	0	3207	P	0	0,39	1,3
1381574_at	290	M	0,06	423,2	P	0,01	0,39	1,3
1383435_at	670,9	A	0,11	933,4	P	0,03	0,39	1,3
1383489_at	763,8	A	0,07	997,8	P	0,02	0,39	1,3
1387035_a_at	373	P	0	476,2	P	0	0,39	1,3
1388485_at	971,8	P	0	1313,3	P	0	0,39	1,3
1389177_at	167,9	M	0,06	217,4	P	0,02	0,39	1,3
1389600_at	771,8	P	0	916,6	P	0	0,39	1,3
1368143_at	219,8	P	0	344,3	P	0	0,38	1,3
1371529_at	99,2	A	0,1	143,4	P	0,01	0,38	1,3
1372510_at	296	P	0,02	395,2	P	0,01	0,38	1,3
1372520_at	289,6	P	0	462,8	P	0	0,38	1,3
1372743_at	848,2	P	0	1204,5	P	0	0,38	1,3
1373158_at	266,9	P	0	354,6	P	0	0,38	1,3
1373666_at	166,4	P	0	286,1	P	0	0,38	1,3
1373667_at	260,7	P	0	472,3	P	0	0,38	1,3
1373901_at	531	P	0,01	694,5	P	0,01	0,38	1,3
1376869_at	576,8	P	0	772,9	P	0	0,38	1,3
1377116_at	128,8	P	0	177,7	P	0	0,38	1,3
1377721_at	271,3	A	0,17	319,1	P	0,01	0,38	1,3
1379356_at	1159,5	P	0	1487,4	P	0	0,38	1,3
1382019_at	1323,9	P	0	1551,9	P	0	0,38	1,3
1382052_at	511,5	P	0	834,3	P	0	0,38	1,3
1382110_at	861,4	P	0	1271,6	P	0	0,38	1,3
1383080_at	602,3	P	0	774,5	P	0	0,38	1,3
1383169_at	434	P	0	760	P	0	0,38	1,3
1383368_at	1052	P	0	1199,1	P	0	0,38	1,3
1385101_a_at	112,3	P	0,01	167	P	0	0,38	1,3
1385644_at	499,4	P	0,03	638,3	P	0	0,38	1,3
1386862_at	416	P	0	597,9	P	0	0,38	1,3
1387395_at	210,4	P	0	276,2	P	0	0,38	1,3
1387778_at	862,1	P	0	1119,8	P	0	0,38	1,3
1390730_at	210,1	A	0,1	191,5	P	0,03	0,38	1,3
1392471_at	1717,3	P	0	2407,3	P	0	0,38	1,3
1392536_at	389,3	P	0	597,4	P	0	0,38	1,3

1395661_at	607,5	A	0,08	752,4	P	0,01	0,38	1,3
1398553_at	146,7	P	0,04	214,5	P	0,01	0,38	1,3
1367717_at	3645	P	0	4398,4	P	0	0,37	1,3
1371798_at	1667,9	P	0	2026,7	P	0	0,37	1,3
1373211_at	583,2	P	0	793,1	P	0	0,37	1,3
1373894_at	933,5	P	0	1102,2	P	0	0,37	1,3
1376425_at	179,6	P	0	241,4	P	0	0,37	1,3
1377421_at	117,2	P	0	190,7	P	0	0,37	1,3
1377634_at	605,3	P	0	737,4	P	0	0,37	1,3
1379832_at	1084,7	P	0	938,2	P	0	0,37	1,3
1382272_at	202,7	A	0,17	256,7	P	0	0,37	1,3
1387060_at	101,9	M	0,06	131,6	P	0	0,37	1,3
1387363_at	178,2	A	0,1	188,2	P	0,05	0,37	1,3
1387867_at	368,8	P	0	490,8	P	0	0,37	1,3
1389305_at	118,1	P	0,05	162,1	P	0	0,37	1,3
1389355_at	403,5	P	0	672,7	P	0	0,37	1,3
1393064_at	311,1	P	0,01	437,3	P	0	0,37	1,3
1393705_at	566,3	P	0	672,1	P	0	0,37	1,3
1398769_at	566,2	P	0,01	654,4	P	0	0,37	1,3
1398796_at	741,5	P	0	916,5	P	0	0,37	1,3
1367560_at	2610,1	P	0	3496,9	P	0	0,36	1,3
1367803_at	231	A	0,08	267,1	P	0,03	0,36	1,3
1368808_at	639,9	P	0	941,4	P	0	0,36	1,3
1371433_at	564,9	P	0	753,6	P	0	0,36	1,3
1371699_at	493,6	P	0	606,8	P	0	0,36	1,3
1371818_at	599,9	P	0	862,4	P	0	0,36	1,3
1371926_at	566	P	0	773,5	P	0	0,36	1,3
1372362_at	144,4	P	0,02	136,7	P	0,01	0,36	1,3
1372606_at	372,4	P	0	488,9	P	0	0,36	1,3
1372901_at	214,9	P	0,01	255,2	P	0	0,36	1,3
1372914_at	370,9	P	0,04	567,1	P	0,01	0,36	1,3
1373672_at	245,9	P	0,01	294,1	P	0	0,36	1,3
1373732_at	180	P	0	244,4	P	0	0,36	1,3
1380261_at	465,3	P	0,01	667,1	P	0	0,36	1,3
1380329_at	1158,4	P	0	1463,5	P	0	0,36	1,3
1383218_at	1233,5	P	0	1896,7	P	0	0,36	1,3
1383662_at	2674,3	P	0	3952	P	0	0,36	1,3
1385641_at	382,1	P	0,05	605,4	P	0,02	0,36	1,3
1390997_at	1875,5	P	0	2020,5	P	0	0,36	1,3
1394047_at	463,4	P	0,02	407,5	P	0	0,36	1,3
1398878_at	365,4	P	0,01	384,3	P	0	0,36	1,3
1367582_at	1628,5	P	0	2097,6	P	0	0,35	1,3
1367640_at	3678,2	P	0	4426,6	P	0	0,35	1,3
1367646_at	3933,9	P	0	5221,6	P	0	0,35	1,3
1367901_at	289,2	P	0,01	281,2	P	0	0,35	1,3
1368336_at	518,2	P	0,01	732,8	P	0	0,35	1,3

1368947_at	310,8	P	0	461,9	P	0	0,35	1,3
1370020_at	203,5	P	0	244,7	P	0	0,35	1,3
1370226_at	713,6	P	0	992,1	P	0	0,35	1,3
1370949_at	260,1	P	0	327,2	P	0	0,35	1,3
1371644_at	816,9	P	0	997,8	P	0	0,35	1,3
1373751_at	317,4	P	0	337,8	P	0	0,35	1,3
1378524_at	727,3	P	0	1136,4	P	0	0,35	1,3
1378878_at	1332,7	P	0,01	1380,6	P	0	0,35	1,3
1382282_at	1172,1	P	0,03	1195,3	P	0	0,35	1,3
1384112_at	361,8	P	0	367,1	P	0	0,35	1,3
1384132_at	777,4	P	0	965,9	P	0	0,35	1,3
1386229_at	393,2	P	0,04	522,9	P	0	0,35	1,3
1387372_at	158,1	P	0,01	155,6	P	0	0,35	1,3
1388389_at	1306,1	P	0	1466,6	P	0	0,35	1,3
1388558_at	442,9	P	0,01	800,3	P	0	0,35	1,3
1388565_at	516,9	P	0	661,1	P	0	0,35	1,3
1395779_at	619,2	P	0,01	740,4	P	0	0,35	1,3
1370237_at	332	P	0,02	510	P	0,01	0,34	1,3
1371476_at	976,3	P	0	1347,6	P	0	0,34	1,3
1371495_at	1115,8	P	0	1321,9	P	0	0,34	1,3
1371776_at	782,8	P	0	1012,3	P	0	0,34	1,3
1371981_at	226,2	P	0,01	358,8	P	0	0,34	1,3
1372091_at	992,1	P	0	1402,5	P	0	0,34	1,3
1372890_at	352,8	P	0,01	438,3	P	0,02	0,34	1,3
1373432_at	877,4	P	0	1143,4	P	0	0,34	1,3
1374209_at	474,3	P	0	576,4	P	0	0,34	1,3
1374721_at	368,2	P	0,01	471,2	P	0	0,34	1,3
1377662_at	181	P	0,01	267,7	P	0	0,34	1,3
1381779_s_at	908,6	P	0	1172,9	P	0	0,34	1,3
1382165_at	987	P	0	1289,6	P	0	0,34	1,3
1387886_at	182,4	A	0,13	241,8	P	0,01	0,34	1,3
1388403_at	613,6	P	0	679,8	P	0	0,34	1,3
1389014_at	255,4	M	0,06	302,9	P	0,02	0,34	1,3
1389836_a_at	627	P	0	1059,8	P	0	0,34	1,3
1397537_at	1310,8	P	0	1615,6	P	0	0,34	1,3
1397556_at	354,5	P	0,04	505,5	P	0,01	0,34	1,3
1367777_at	402,5	P	0	507,8	P	0	0,33	1,3
1367906_at	424,1	P	0	517,2	P	0	0,33	1,3
1368071_at	389,9	P	0	568,8	P	0	0,33	1,3
1368076_at	647,2	P	0	795,9	P	0	0,33	1,3
1368514_at	538	P	0	825,5	P	0	0,33	1,3
1368984_at	453,2	P	0,01	575,5	P	0	0,33	1,3
1370302_at	547,9	P	0	681,4	P	0	0,33	1,3
1370312_at	578	P	0	746,3	P	0	0,33	1,3
1370887_at	239,1	P	0,01	302,3	P	0	0,33	1,3
1371875_at	234,4	P	0	313,9	P	0	0,33	1,3

1372117_at	127	P	0	224,2	P	0	0,33	1,3
1374638_at	381,5	P	0	428,6	P	0	0,33	1,3
1374655_at	195	P	0,01	292	P	0	0,33	1,3
1377461_at	152,1	P	0,01	217,9	P	0	0,33	1,3
1380447_a_at	218,2	P	0	321,3	P	0	0,33	1,3
1383197_at	2114,1	P	0	2631,6	P	0	0,33	1,3
1384217_at	138,2	P	0	255,8	P	0	0,33	1,3
1387850_at	107,7	A	0,11	154,6	P	0,01	0,33	1,3
1388217_a_at	450,4	P	0	550,8	P	0	0,33	1,3
1388521_at	288,2	P	0	383,9	P	0	0,33	1,3
1389446_at	215,8	P	0	326,1	P	0,01	0,33	1,3
1367694_at	1080,5	P	0	1492,6	P	0	0,32	1,2
1368809_at	825,2	P	0	1042,7	P	0	0,32	1,2
1369952_at	2347,3	P	0	2701,9	P	0	0,32	1,2
1370706_a_at	133,8	P	0	147,7	P	0	0,32	1,2
1371256_at	268,5	P	0,01	323,2	P	0	0,32	1,2
1371499_at	1289,8	P	0	1679,4	P	0	0,32	1,2
1372087_at	175,1	P	0,01	258,9	P	0	0,32	1,2
1372088_at	246,7	P	0,03	316,5	P	0,01	0,32	1,2
1373225_at	654,4	P	0	885,4	P	0	0,32	1,2
1374670_at	242,5	P	0	309,9	P	0	0,32	1,2
1377209_at	293,8	P	0	341,9	P	0	0,32	1,2
1382856_at	309,4	P	0	412,8	P	0	0,32	1,2
1383998_at	1176,1	P	0	1993,8	P	0	0,32	1,2
1386653_at	109,1	A	0,17	143,9	P	0,02	0,32	1,2
1386910_a_at	657,6	P	0	789,3	P	0	0,32	1,2
1387790_at	852,9	P	0	1181,3	P	0	0,32	1,2
1388836_at	119,3	A	0,07	155,4	P	0,01	0,32	1,2
1389142_at	326,9	P	0,01	422,6	P	0	0,32	1,2
1389150_at	341	P	0	317	P	0	0,32	1,2
1389246_at	190	P	0,01	259,6	P	0	0,32	1,2
1393558_at	350	P	0	382,7	P	0	0,32	1,2
1395651_at	646,4	P	0,01	548,1	P	0	0,32	1,2
1368253_at	454,4	P	0,01	511,2	P	0	0,31	1,2
1370228_at	2455,3	P	0	3062,9	P	0	0,31	1,2
1371921_at	1418,4	P	0	1767,7	P	0	0,31	1,2
1372069_at	294,9	P	0	407,9	P	0	0,31	1,2
1372452_at	615,5	P	0	882	P	0	0,31	1,2
1373569_at	64,5	P	0,01	74,1	P	0,01	0,31	1,2
1374156_at	278,2	P	0	391,4	P	0	0,31	1,2
1376025_at	722	P	0	929,5	P	0	0,31	1,2
1377707_at	942,1	P	0	1445,2	P	0	0,31	1,2
1383611_at	480,4	P	0	671,2	P	0	0,31	1,2
1389181_at	244,3	P	0	504,8	P	0	0,31	1,2
1390022_at	1129,6	P	0	1448,9	P	0	0,31	1,2
1391555_at	572,6	P	0	639,6	P	0	0,31	1,2

1398925_at	666,2	P	0	1003	P	0	0,31	1,2
1368060_at	509,2	P	0	519,7	P	0	0,3	1,2
1369962_at	200,8	P	0,01	274,1	P	0	0,3	1,2
1370339_at	695,4	P	0	950	P	0	0,3	1,2
1371567_at	623	P	0	753,1	P	0	0,3	1,2
1372675_at	146,6	P	0,01	241,6	P	0	0,3	1,2
1373746_at	112,7	P	0,01	148,7	P	0	0,3	1,2
1375739_at	405,4	P	0,02	500,5	P	0,01	0,3	1,2
1383806_at	873,3	P	0	1031,6	P	0	0,3	1,2
1399167_a_at	677,7	P	0	975,9	P	0	0,3	1,2
1369964_at	608,6	P	0,01	732,9	P	0	0,29	1,2
1370859_at	1335,9	P	0	1670,9	P	0	0,29	1,2
1371352_at	1602,8	P	0	2172,1	P	0	0,29	1,2
1371363_at	656	P	0	806,4	P	0	0,29	1,2
1371653_at	534,5	P	0	723,3	P	0	0,29	1,2
1372913_at	609,5	P	0	753,9	P	0	0,29	1,2
1383101_at	545,3	P	0,01	674,8	P	0	0,29	1,2
1383603_at	155	A	0,13	215,2	P	0,02	0,29	1,2
1388739_at	237,3	P	0	380,8	P	0	0,29	1,2
1389867_at	1379,1	P	0	1755,2	P	0	0,29	1,2
1393431_at	2995,3	P	0	3947,9	P	0	0,29	1,2
1397300_at	274,9	P	0	316,3	P	0	0,29	1,2
1367569_at	3696	P	0	4339,4	P	0	0,28	1,2
1367690_at	1320,8	P	0	1378,3	P	0	0,28	1,2
1368688_at	1177,5	P	0	1431,1	P	0	0,28	1,2
1370253_at	2126,6	P	0	2701,9	P	0	0,28	1,2
1371377_at	3281,8	P	0	3961,4	P	0	0,28	1,2
1371573_at	1133,5	P	0	1506,2	P	0	0,28	1,2
1372030_at	472,7	P	0	496,6	P	0	0,28	1,2
1384940_at	278,4	P	0	323,1	P	0	0,28	1,2
1388488_at	599,9	P	0,03	721,7	P	0	0,28	1,2
1398758_at	1171,5	P	0	1301,7	P	0	0,28	1,2
1369950_at	579,9	P	0	733,1	P	0	0,27	1,2
1371340_at	2997,1	P	0	3778,8	P	0	0,27	1,2
1371879_at	234,4	P	0,03	258,7	P	0,01	0,27	1,2
1376366_at	474,7	P	0	574,7	P	0	0,27	1,2
1382263_at	160,8	P	0,02	137,1	P	0	0,27	1,2
1383610_at	353,5	A	0,08	418,8	P	0,01	0,27	1,2
1386885_at	834,3	P	0	991,4	P	0	0,27	1,2
1388381_at	1435,5	P	0	1749,1	P	0	0,27	1,2
1398315_at	3115,7	P	0	3519,1	P	0	0,27	1,2
1398784_at	969	P	0	1517,7	P	0	0,27	1,2
1367568_a_at	450,1	P	0	498,5	P	0	0,26	1,2
1367596_at	2198,6	P	0	2670,7	P	0	0,26	1,2
1368274_at	563,9	P	0,01	728,1	P	0	0,26	1,2
1370866_at	3013	P	0	3613,9	P	0	0,26	1,2

1371969_at	369,7	P	0	450,2	P	0	0,26	1,2
1372645_at	264,7	P	0	358,9	P	0	0,26	1,2
1373033_at	679,1	P	0	912,5	P	0	0,26	1,2
1383711_at	312,6	A	0,11	527,6	P	0	0,26	1,2
1387053_at	186,7	P	0,03	194,6	P	0,01	0,26	1,2
1388481_at	2179,9	P	0	2833,3	P	0	0,26	1,2
1390109_at	617,6	P	0	757	P	0	0,26	1,2
1390514_at	422,5	P	0,01	610,7	P	0	0,26	1,2
1390814_at	835,4	P	0	1110,2	P	0	0,26	1,2
1368817_at	357,5	P	0	453,6	P	0	0,25	1,2
1372408_at	339,6	P	0	489,6	P	0	0,25	1,2
1373415_at	500,5	P	0,01	646,4	P	0	0,25	1,2
1376974_at	327,7	P	0,01	467,8	P	0	0,25	1,2
1378348_at	243,3	P	0,05	363,9	P	0	0,25	1,2
1383625_a_at	1200,7	P	0	1840,5	P	0	0,25	1,2
1388110_at	6716,6	P	0	8283,7	P	0	0,25	1,2
1388774_at	382	P	0	530,1	P	0	0,25	1,2
1388873_at	648,9	P	0	904,9	P	0	0,25	1,2
1389294_at	449,3	P	0	560,1	P	0	0,25	1,2
1374458_at	128,7	P	0,01	217,6	P	0	0,24	1,2
1383768_at	446,1	P	0	576,1	P	0	0,24	1,2
1388134_at	844,8	P	0	1128,9	P	0	0,24	1,2
1388726_a_at	390,7	P	0	597,8	P	0	0,24	1,2
1398801_at	784,6	P	0	816,6	P	0	0,24	1,2
1367573_at	5290,4	P	0	6016,2	P	0	0,23	1,2
1367580_at	1671,4	P	0	2143,5	P	0	0,23	1,2
1376573_at	405	P	0	457,7	P	0	0,23	1,2
1377834_at	1624,4	P	0	1930,2	P	0	0,23	1,2
1382956_at	2436,2	P	0	2488,7	P	0	0,23	1,2
1388244_s_at	1525,7	P	0	1617,4	P	0	0,23	1,2
1388313_at	715,5	P	0	914,2	P	0	0,23	1,2
1388314_at	2121,5	P	0	2461,4	P	0	0,23	1,2
1368323_at	314,5	P	0	428,7	P	0	0,22	1,2
1370200_at	1398,3	P	0	1579	P	0	0,22	1,2
1370189_at	1337,2	P	0	1533,7	P	0	0,21	1,2
1370259_a_at	112,2	P	0,05	95	P	0	0,21	1,2
1371503_at	399,9	P	0	444,7	P	0	0,21	1,2
1372082_at	250,1	P	0	335,6	P	0	0,21	1,2
1372493_at	204,5	M	0,06	213,4	P	0,02	0,21	1,2
1376624_at	147,7	M	0,06	183,1	P	0,01	0,21	1,2
1383895_at	412,9	P	0,01	599,8	P	0	0,21	1,2
1387090_a_at	365	P	0	451,2	P	0	0,21	1,2
1371559_at	408,8	P	0,01	571,8	P	0	0,2	1,1
1388574_at	885	P	0	1079,6	P	0	0,2	1,1
1375219_a_at	4206,8	P	0	4551,2	P	0	0,19	1,1
1388748_at	3403,5	P	0	4315,4	P	0	0,19	1,1

1398918_at	460,4	P	0,05	587,8	P	0,02	0,19	1,1
1367598_at	8064,2	P	0	9963,8	P	0	0,18	1,1
1373093_at	359,6	P	0	433,6	P	0	0,18	1,1
1391817_at	319,9	P	0,01	361,7	P	0	0,18	1,1
1398362_at	543,1	P	0	656,8	P	0	0,18	1,1
1371592_at	327,9	P	0	414,5	P	0	0,17	1,1
1374848_at	290,6	P	0,03	289,2	P	0,01	0,17	1,1
1373961_at	141	A	0,22	197,8	P	0,02	0,11	1,1

Down-regulated genes

1379005_at	16,3	P	0,05	0,3	A	0,67	-5,63	49,5
1387442_at	199,9	P	0,02	25,8	A	0,27	-3	8,0
1388096_at	56,3	P	0	8,4	A	0,3	-2,68	6,4
1387409_x_at	231,7	P	0,05	59,4	A	0,47	-2,49	5,6
1385385_at	101,2	P	0,02	29,5	A	0,22	-2,47	5,5
1368459_at	1014,3	P	0	177,3	P	0	-2,32	5,0
1387410_at	127,3	P	0,05	16,6	A	0,7	-2,24	4,7
1390675_at	568,9	P	0	157,5	P	0	-2,03	4,1
1397837_at	122,9	P	0,05	53,4	A	0,4	-2,01	4,0
1388072_at	716,4	P	0	172,2	P	0,01	-1,87	3,7
1377993_at	3498,8	P	0	840,5	P	0,01	-1,79	3,5
1389284_at	138,6	P	0,04	53,1	A	0,43	-1,74	3,3
1369165_at	1015,9	P	0	293,4	P	0	-1,72	3,3
1387712_at	251,2	P	0	67,3	A	0,1	-1,72	3,3
1369089_at	1870,1	P	0	624,8	P	0	-1,63	3,1
1371165_a_at	566,6	P	0	207	A	0,19	-1,62	3,1
1387161_at	1456,6	P	0	398,6	P	0	-1,61	3,1
1368477_at	1680,1	P	0	566,8	P	0	-1,57	3,0
1396475_at	79,1	P	0	25,2	A	0,25	-1,56	2,9
1379464_at	2659,6	P	0	944,4	P	0	-1,53	2,9
1367852_s_at	481,3	P	0	225,8	P	0,01	-1,5	2,8
1369007_at	236,3	P	0	100,8	P	0,02	-1,5	2,8
1372275_at	1089,1	P	0	442,2	P	0	-1,47	2,8
1373164_at	483,7	P	0	183,4	P	0	-1,47	2,8
1388045_a_at	174,2	P	0,03	69	A	0,3	-1,47	2,8
1379530_at	474,7	P	0	194	P	0	-1,46	2,8
1398280_at	264,2	P	0,01	72,9	P	0,05	-1,46	2,8
1376667_at	271,9	P	0,02	108,7	A	0,17	-1,44	2,7
1373314_at	321,7	P	0,01	131,9	M	0,06	-1,42	2,7
1388856_at	733,4	P	0	265,4	P	0	-1,42	2,7
1378101_at	7517,8	P	0,01	2539,4	P	0,01	-1,4	2,6
1397679_at	104,2	P	0,01	27,9	A	0,22	-1,4	2,6
1371013_at	330,5	P	0	160,3	P	0,04	-1,39	2,6
1377637_at	1032,6	P	0	295,2	P	0	-1,38	2,6
1370320_at	209,6	P	0,01	86	A	0,33	-1,33	2,5
1370212_at	1217,2	P	0	472,6	P	0	-1,32	2,5
1396841_at	192,9	P	0,02	41,4	A	0,17	-1,31	2,5

1369185_a_at	174,9	P	0,02	53,6	A	0,19	-1,3	2,5
1398431_at	5512,9	P	0	1933,2	P	0	-1,3	2,5
1373783_at	897,2	P	0	343,2	P	0	-1,29	2,4
1388462_at	2172,4	P	0	890,3	P	0	-1,28	2,4
1371052_at	164,7	P	0,01	95,2	P	0,04	-1,26	2,4
1376358_at	61,5	P	0,02	23,1	A	0,25	-1,24	2,4
1389085_at	1201,2	P	0	483,6	P	0	-1,24	2,4
1395531_at	544,2	P	0,02	205,4	P	0,03	-1,23	2,3
1370201_at	5890,4	P	0	2507,9	P	0	-1,22	2,3
1378274_at	3988,4	P	0	1775,4	P	0	-1,22	2,3
1388697_at	2276,6	P	0	900,5	P	0	-1,22	2,3
1396152_s_at	954,8	P	0	439	P	0	-1,22	2,3
1372936_at	6694,5	P	0	2912,9	P	0	-1,21	2,3
1385573_at	5191,5	P	0	1966	P	0	-1,2	2,3
1387403_at	1247,5	P	0	437,8	P	0	-1,2	2,3
1387907_at	5874	P	0	3023,5	P	0	-1,2	2,3
1378315_at	8365,5	P	0	3601,9	P	0	-1,19	2,3
1370508_a_at	674	P	0	384,1	P	0,01	-1,18	2,3
1387908_at	335,5	P	0,02	109,6	P	0,04	-1,18	2,3
1396214_at	1124,3	P	0	407	P	0	-1,18	2,3
1369432_at	79,3	P	0,03	39	A	0,22	-1,17	2,3
1379072_at	229,6	P	0	96	P	0	-1,17	2,3
1391764_at	478,6	P	0	174,1	P	0	-1,17	2,3
1391341_at	1606,8	P	0,01	757,5	A	0,1	-1,16	2,2
1382626_at	2704,1	P	0	1297	P	0	-1,15	2,2
1392408_at	172,4	P	0,01	71,2	A	0,15	-1,15	2,2
1370770_s_at	315,2	P	0	153,3	P	0	-1,14	2,2
1381584_at	114,9	P	0,03	78,7	A	0,25	-1,14	2,2
1393190_at	6190,3	P	0	2805,8	P	0	-1,13	2,2
1368358_a_at	1339,3	P	0	483,6	P	0	-1,12	2,2
1384908_at	315,6	P	0,05	119,9	A	0,17	-1,11	2,2
1368462_at	644,1	P	0	431,4	P	0	-1,1	2,1
1378295_at	410,7	P	0,01	165	P	0,02	-1,1	2,1
1393299_at	1303,7	P	0	632	P	0,01	-1,1	2,1
1377085_at	609,6	P	0	260,1	P	0	-1,09	2,1
1379838_at	149,4	P	0,01	48,2	P	0,01	-1,09	2,1
1387502_at	518,4	P	0	296,9	P	0	-1,08	2,1
1374310_at	210,2	P	0,01	97,5	A	0,15	-1,07	2,1
1387482_at	1241,1	P	0	652,8	P	0	-1,07	2,1
1369777_a_at	914,2	P	0	438,9	P	0	-1,06	2,1
1372929_at	338,4	P	0	171,2	P	0	-1,06	2,1
1382977_at	56,7	P	0,05	25	A	0,25	-1,06	2,1
1387285_at	646,7	P	0	320,6	P	0	-1,06	2,1
1393756_at	182,4	P	0,05	75,7	A	0,25	-1,06	2,1
1398539_at	577,9	P	0	277,8	P	0,02	-1,06	2,1
1375043_at	591,3	P	0	249,9	P	0	-1,05	2,1

1389146_at	1313,2	P	0	597,7	P	0	-1,05	2,1
1370854_at	111,4	P	0,02	52,1	A	0,25	-1,04	2,1
1388184_at	356,1	P	0,01	189,5	A	0,13	-1,02	2,0
1390703_at	23,1	P	0,02	13,2	A	0,4	-1,02	2,0
1391336_at	1270,5	P	0	702,2	P	0,03	-1,02	2,0
1393157_at	2137	P	0	911,2	P	0,01	-1,02	2,0
1369067_at	160,7	P	0,05	79,4	A	0,15	-1,01	2,0
1382787_at	1813,5	P	0	982,7	P	0	-1,01	2,0
1395745_at	2925,6	P	0	1650,8	P	0	-1,01	2,0
1386939_a_at	545,3	P	0	243,5	P	0	-1	2,0
1391875_at	402,2	P	0,03	181,3	A	0,07	-1	2,0
1397361_x_at	180,7	P	0,05	74,6	A	0,17	-1	2,0
1370960_at	1318,6	P	0	685,9	P	0	-0,99	2,0
1381557_at	204,8	P	0,01	96,1	A	0,15	-0,99	2,0
1395219_at	227,3	P	0	130,8	P	0,01	-0,99	2,0
1395512_at	1810,7	P	0	1173,5	P	0	-0,98	2,0
1370233_at	144	P	0,05	63,7	A	0,11	-0,96	1,9
1385321_at	2358,7	P	0	1307,6	P	0	-0,96	1,9
1387486_at	521,7	P	0	200,2	P	0,01	-0,96	1,9
1396366_at	162,1	P	0,02	66	A	0,07	-0,96	1,9
1376799_a_at	367,1	P	0	256,1	P	0,01	-0,95	1,9
1390037_at	573,5	P	0,01	250,9	A	0,15	-0,94	1,9
1397666_at	552,1	P	0	275	P	0	-0,94	1,9
1398104_at	199,7	P	0	109,6	P	0,03	-0,94	1,9
1372654_at	492,2	P	0,04	262,2	A	0,08	-0,93	1,9
1378611_at	774,2	P	0	343,9	P	0	-0,93	1,9
1384543_at	1177,6	P	0	656,1	P	0	-0,93	1,9
1397286_at	331,8	P	0,01	169,7	A	0,13	-0,92	1,9
1372884_at	619,7	P	0	342,2	P	0	-0,91	1,9
1377736_at	738	P	0	410,9	P	0	-0,91	1,9
1386935_at	756,6	P	0	383,6	P	0	-0,91	1,9
1394505_at	277,3	P	0,04	107,3	A	0,13	-0,91	1,9
1376000_at	1039	P	0	577,4	P	0	-0,9	1,9
1379376_at	370,4	P	0	141,4	P	0	-0,9	1,9
1394504_at	606,3	P	0	300,4	P	0	-0,9	1,9
1370760_a_at	1257,2	P	0	720,9	P	0	-0,89	1,9
1373480_at	576,9	P	0	312,4	P	0,01	-0,89	1,9
1383324_at	2759,5	P	0	1482,2	P	0,01	-0,89	1,9
1389120_at	1622,9	P	0	644,8	P	0,01	-0,89	1,9
1390262_a_at	699,9	P	0	373,7	P	0,01	-0,89	1,9
1369297_at	412,3	P	0	205,5	P	0,01	-0,88	1,8
1373747_at	693,5	P	0,02	286,7	P	0,02	-0,88	1,8
1393607_at	5035,7	P	0	3141,8	P	0	-0,88	1,8
1368145_at	5658,8	P	0	3031,7	P	0	-0,87	1,8
1373187_at	1509,9	P	0	937,8	P	0	-0,87	1,8
1368988_at	308,7	P	0,01	164,4	P	0,02	-0,86	1,8

1376265_at	906,8	P	0	652,3	P	0	-0,85	1,8
1375875_at	2030,8	P	0	1524,8	P	0	-0,84	1,8
1394532_at	273	P	0,02	122,3	A	0,22	-0,84	1,8
1367812_at	2171,5	P	0	1215,9	P	0	-0,83	1,8
1371937_at	375	P	0,01	245,9	P	0,02	-0,83	1,8
1376245_x_at	404,7	P	0	284,6	P	0	-0,83	1,8
1387155_at	237,2	P	0,01	132,8	P	0,01	-0,83	1,8
1396213_at	483,3	P	0,01	343,3	A	0,1	-0,83	1,8
1368952_at	242,4	P	0	119,9	P	0,05	-0,82	1,8
1388738_at	444,6	P	0	258,5	P	0	-0,82	1,8
1393373_at	480,2	P	0,01	267,2	P	0,02	-0,82	1,8
1396040_at	2394,1	P	0	1387,4	P	0	-0,82	1,8
1388874_at	1976,9	P	0	1115	P	0	-0,81	1,8
1389124_at	1408,8	P	0	798,3	P	0	-0,81	1,8
1368584_a_at	837,8	P	0	382,6	P	0	-0,8	1,7
1369229_at	494,6	P	0	273,9	P	0,02	-0,8	1,7
1372335_at	2040,1	P	0	1094,1	P	0	-0,8	1,7
1377029_at	180	P	0	108	M	0,06	-0,8	1,7
1378733_at	1085,5	P	0	519,4	P	0	-0,8	1,7
1383726_at	692,1	P	0	365,5	P	0	-0,8	1,7
1385589_at	255,6	P	0,05	136,7	A	0,13	-0,8	1,7
1368120_at	314,8	P	0	191,9	P	0	-0,79	1,7
1373081_at	592,8	P	0	423,3	P	0	-0,79	1,7
1374635_at	1449,4	P	0	841,8	P	0	-0,79	1,7
1379397_at	502,7	P	0,02	306	P	0,05	-0,79	1,7
1385222_at	631	P	0	257,6	P	0,03	-0,79	1,7
1387817_at	2883,9	P	0	1564	P	0	-0,79	1,7
1392196_at	1296,1	P	0,01	752	P	0	-0,79	1,7
1393282_at	1641,1	P	0	939,1	P	0	-0,79	1,7
1397006_at	143,2	P	0	82,1	P	0	-0,79	1,7
1367979_s_at	852,8	P	0	504,4	P	0	-0,78	1,7
1369652_at	2393,9	P	0	1361	P	0	-0,78	1,7
1391089_at	873	P	0	470,7	P	0	-0,78	1,7
1370815_at	2008,2	P	0	1253,3	P	0	-0,77	1,7
1380031_at	407,3	P	0,02	189,3	A	0,07	-0,77	1,7
1393837_at	278,4	P	0	152,7	P	0,01	-0,77	1,7
1394245_at	365,3	P	0,03	201,6	A	0,19	-0,77	1,7
1370488_a_at	378,7	P	0	237,9	P	0	-0,76	1,7
1377808_at	109,2	P	0	101,9	P	0,01	-0,76	1,7
1378722_at	440,7	P	0	203,6	P	0	-0,76	1,7
1379497_at	147,1	P	0	91,6	P	0	-0,76	1,7
1385560_at	2125,1	P	0	1181,4	P	0	-0,76	1,7
1387657_at	387,2	P	0,02	221,3	P	0,04	-0,76	1,7
1397419_at	2018,7	P	0	1316,3	P	0	-0,76	1,7
1369753_at	485,5	P	0	300,3	P	0	-0,75	1,7
1370998_at	182,6	P	0	90	P	0,02	-0,75	1,7

1380580_at	111,8	P	0	61,5	A	0,08	-0,75	1,7
1384708_at	253	P	0	156,9	P	0,01	-0,75	1,7
1387071_a_at	1972,9	P	0	1163,6	P	0	-0,75	1,7
1393956_at	2101	P	0,01	1206,8	P	0,02	-0,75	1,7
1367752_at	607,4	P	0	383,6	P	0,01	-0,74	1,7
1369201_at	299,5	P	0,02	150,3	P	0,04	-0,74	1,7
1370058_at	1882,4	P	0	1226,1	P	0	-0,74	1,7
1370214_at	5791,8	P	0	3242	P	0	-0,74	1,7
1372302_at	727,3	P	0	372	P	0	-0,74	1,7
1376842_at	260	P	0	134	P	0	-0,74	1,7
1381147_at	111,8	P	0,05	59,1	A	0,1	-0,74	1,7
1384184_at	1240,3	P	0	731,8	P	0	-0,74	1,7
1384310_at	3472,4	P	0	2369	P	0	-0,74	1,7
1391022_at	191,2	P	0,02	228,5	A	0,13	-0,74	1,7
1368488_at	164,1	P	0,01	168,5	M	0,06	-0,73	1,7
1368701_at	2836,1	P	0	1600,5	P	0	-0,73	1,7
1370116_at	349,2	P	0	188,1	P	0	-0,73	1,7
1373971_at	749,9	P	0,01	458,2	M	0,06	-0,73	1,7
1374925_at	880,7	P	0	450,1	P	0	-0,73	1,7
1390740_at	175	P	0	140,8	P	0,01	-0,73	1,7
1391292_at	598,2	P	0	402,4	P	0	-0,73	1,7
1394575_at	1123,7	P	0	653,7	P	0	-0,73	1,7
1395144_at	403,1	P	0,01	252,3	P	0,01	-0,73	1,7
1398520_at	771,4	P	0	493,9	P	0,02	-0,73	1,7
1371069_at	89,9	P	0,01	36,5	P	0,03	-0,72	1,6
1375406_s_at	254,3	P	0	136,5	P	0,01	-0,72	1,6
1394252_at	651,6	P	0	381,1	P	0	-0,72	1,6
1397885_at	398,2	P	0,05	230,2	A	0,07	-0,72	1,6
1368879_a_at	1201,5	P	0	1151,9	P	0	-0,71	1,6
1369822_at	388,1	P	0,01	249,9	P	0,01	-0,71	1,6
1371180_a_at	354,8	P	0	236,7	P	0,03	-0,71	1,6
1374298_at	774,2	P	0	403,1	P	0	-0,71	1,6
1389250_at	268,4	P	0	150,1	P	0	-0,71	1,6
1389448_at	4745,7	P	0	2796,7	P	0	-0,71	1,6
1392795_at	237,2	P	0	127,6	P	0,02	-0,71	1,6
1396924_at	577	P	0,03	317,5	P	0,04	-0,71	1,6
1369203_at	188,9	P	0	106,9	P	0	-0,7	1,6
1372937_at	701,6	P	0	411,2	P	0	-0,7	1,6
1376707_at	1907,3	P	0	1107,4	P	0	-0,7	1,6
1377940_at	1363,2	P	0	733,1	P	0	-0,7	1,6
1380062_at	2611,2	P	0	1456,3	P	0	-0,7	1,6
1370489_a_at	157,9	P	0	100,8	P	0	-0,69	1,6
1377591_at	558,5	P	0,05	374,6	M	0,06	-0,69	1,6
1377789_at	1733,7	P	0	850,8	P	0	-0,69	1,6
1381106_at	298,6	P	0,02	178,5	P	0,02	-0,69	1,6
1382737_at	2455,7	P	0	1729,4	P	0	-0,69	1,6

1387383_at	1966,2	P	0	1337,1	P	0	-0,69	1,6
1388078_a_at	243,3	P	0	145,3	P	0	-0,69	1,6
1391916_at	1502,1	P	0	1066,2	P	0	-0,69	1,6
1393345_at	2987,8	P	0	1543,2	P	0	-0,69	1,6
1397830_at	481,6	P	0,01	334,9	A	0,11	-0,69	1,6
1398251_a_at	1644,4	P	0	959,5	P	0	-0,69	1,6
1367894_at	964,1	P	0	497,5	P	0	-0,68	1,6
1368059_at	261,3	P	0	167,2	P	0	-0,68	1,6
1368465_at	592,6	P	0	358	P	0,01	-0,68	1,6
1368759_at	919,2	P	0	598,8	P	0	-0,68	1,6
1369177_at	500,6	P	0	277,8	P	0	-0,68	1,6
1370059_at	1447,7	P	0	1051,1	P	0	-0,68	1,6
1377716_at	1021,5	P	0	728,6	P	0	-0,68	1,6
1393356_at	2753,1	P	0	1619,5	P	0	-0,68	1,6
1393420_at	147,1	P	0	93,6	P	0,05	-0,68	1,6
1395010_at	923,4	P	0	685,5	P	0	-0,68	1,6
1395915_at	231,6	P	0,02	105,1	A	0,11	-0,68	1,6
1396892_at	211,8	P	0,01	146,5	A	0,19	-0,68	1,6
1397949_at	856,3	P	0	521,2	P	0	-0,68	1,6
1368690_a_at	2842,4	P	0	1794,7	P	0	-0,67	1,6
1369326_at	174	P	0	117,9	P	0,03	-0,67	1,6
1370533_at	212,8	P	0,04	155,5	A	0,13	-0,67	1,6
1370595_a_at	1103,3	P	0	748,1	P	0	-0,67	1,6
1371081_at	273,9	P	0	158,9	P	0	-0,67	1,6
1373298_at	867,9	P	0	569,2	P	0	-0,67	1,6
1382054_at	3966,9	P	0	2012,8	P	0	-0,67	1,6
1387513_at	222,9	P	0,03	130,3	A	0,11	-0,67	1,6
1395104_at	1831,7	P	0	1182,3	P	0	-0,67	1,6
1367745_at	2404	P	0	1551,4	P	0	-0,66	1,6
1370074_at	439,3	P	0,01	260,7	P	0,02	-0,66	1,6
1392939_at	352,1	P	0	191,9	P	0	-0,66	1,6
1397208_at	267,6	P	0	205,4	P	0,03	-0,66	1,6
1376362_at	1556,3	P	0	975,9	P	0	-0,65	1,6
1377828_at	1381,6	P	0	912,7	P	0	-0,65	1,6
1387286_at	1217,1	P	0	821,1	P	0	-0,65	1,6
1396738_at	185,2	P	0,05	105,9	A	0,13	-0,65	1,6
1371003_at	752,9	P	0	466,6	P	0	-0,64	1,6
1373188_at	874,6	P	0	565,5	P	0	-0,64	1,6
1376283_at	1228,9	P	0	870,9	P	0	-0,64	1,6
1382097_at	738,9	P	0,01	472,1	P	0,01	-0,64	1,6
1385839_x_at	351,7	P	0	223,1	P	0	-0,64	1,6
1387377_a_at	753,4	P	0	342,1	P	0	-0,64	1,6
1388712_at	480,5	P	0	249	P	0,01	-0,64	1,6
1389358_at	1192,1	P	0	686,3	P	0	-0,64	1,6
1395121_at	755,9	P	0	467,4	P	0	-0,64	1,6
1368506_at	368,5	P	0	251,4	P	0	-0,63	1,5

1370999_at	176,5	P	0	108,7	P	0,03	-0,63	1,5
1372085_at	1335,9	P	0	899,4	P	0	-0,63	1,5
1375192_at	333,5	P	0	189,7	A	0,08	-0,63	1,5
1390397_at	947	P	0	576,4	P	0	-0,63	1,5
1391546_at	2179,2	P	0	1285,9	P	0	-0,63	1,5
1393404_at	1918,9	P	0	1194,5	P	0	-0,63	1,5
1397660_at	131,1	P	0,03	59,6	A	0,11	-0,63	1,5
1398214_at	950,2	P	0	610,6	P	0	-0,63	1,5
1369651_at	2822,5	P	0	1826,6	P	0	-0,62	1,5
1369924_at	1312,5	P	0	815,4	P	0	-0,62	1,5
1370658_a_at	227,4	P	0,01	197,5	M	0,06	-0,62	1,5
1376208_at	715,9	P	0	522	P	0	-0,62	1,5
1382729_at	2005,9	P	0	1318,4	P	0	-0,62	1,5
1383247_a_at	1180,3	P	0	719,5	P	0	-0,62	1,5
1383749_at	757	P	0	557,8	P	0	-0,62	1,5
1384675_at	304,6	P	0,01	166,3	M	0,06	-0,62	1,5
1387399_at	122,8	P	0	67,5	P	0	-0,62	1,5
1388133_at	937	P	0	639,8	P	0	-0,62	1,5
1369022_at	1031,5	P	0	790	P	0	-0,61	1,5
1377790_at	488,8	P	0,03	313,8	A	0,11	-0,61	1,5
1389610_at	380,5	P	0	278,2	P	0	-0,61	1,5
1389792_at	484,9	P	0	342,9	P	0	-0,61	1,5
1398445_at	308,5	P	0,01	252,8	P	0,05	-0,61	1,5
1367658_at	2406,1	P	0	1400,5	P	0	-0,6	1,5
1367949_at	1859,8	P	0	1291	P	0	-0,6	1,5
1368505_at	753,8	P	0	456,7	P	0	-0,6	1,5
1368682_at	844,1	P	0	639,9	P	0	-0,6	1,5
1369637_at	1162,7	P	0	812,6	P	0	-0,6	1,5
1369827_at	929,5	P	0	652,9	P	0	-0,6	1,5
1373977_at	3715,1	P	0	2662,3	P	0	-0,6	1,5
1375476_at	505	P	0,01	317,5	P	0,02	-0,6	1,5
1375569_at	1863,2	P	0	1073,9	P	0	-0,6	1,5
1378738_at	2352,9	P	0	1415,3	P	0	-0,6	1,5
1380172_at	966,3	P	0	608,2	P	0	-0,6	1,5
1380399_at	289,2	P	0,01	221,6	P	0,01	-0,6	1,5
1384874_at	3241,7	P	0	2858,4	P	0	-0,6	1,5
1388064_a_at	3186,6	P	0	2329,8	P	0	-0,6	1,5
1389086_at	1279,4	P	0	880,5	P	0	-0,6	1,5
1393738_s_at	441,7	P	0	262,4	P	0	-0,6	1,5
1394837_at	2679,6	P	0	2051,4	P	0	-0,6	1,5
1369562_at	4894,5	P	0	3547,1	P	0	-0,59	1,5
1373658_at	209,2	P	0	161,9	P	0,01	-0,59	1,5
1374257_at	223,6	P	0	162,5	P	0,01	-0,59	1,5
1376027_at	1516,6	P	0	1027,9	P	0	-0,59	1,5
1377051_at	153	P	0,01	124,8	A	0,1	-0,59	1,5
1378625_at	374,2	P	0	270,4	P	0,01	-0,59	1,5

1383161_a_at	1612,1	P	0	950,6	P	0	-0,59	1,5
1387003_at	888,1	P	0	603,9	P	0	-0,59	1,5
1387505_at	1465,6	P	0	925,8	P	0	-0,59	1,5
1388452_at	3424,5	P	0	1706,1	P	0	-0,59	1,5
1392877_at	194,3	P	0	217,5	P	0	-0,59	1,5
1398272_at	437,8	P	0	301,4	P	0,02	-0,59	1,5
1398627_at	477,8	P	0	301,1	P	0	-0,59	1,5
1369408_at	589,5	P	0	400,3	P	0	-0,58	1,5
1370546_at	1177,2	P	0	770,5	P	0,01	-0,58	1,5
1374825_at	738,8	P	0	606,1	P	0	-0,58	1,5
1375621_at	495,8	P	0	286,6	P	0	-0,58	1,5
1376184_at	1446,1	P	0	1036,8	P	0	-0,58	1,5
1387025_at	1814,3	P	0	1172,6	P	0	-0,58	1,5
1389643_at	214,5	P	0	132,9	P	0	-0,58	1,5
1396501_at	244,7	P	0,02	107,3	A	0,17	-0,58	1,5
1399130_at	1020,9	P	0	597	P	0	-0,58	1,5
1367932_at	1808,5	P	0	1301,2	P	0	-0,57	1,5
1368124_at	922,8	P	0	654,1	P	0	-0,57	1,5
1368958_at	423,6	P	0	231,7	P	0	-0,57	1,5
1369130_at	100	P	0	64,4	P	0,01	-0,57	1,5
1370426_a_at	4117,7	P	0	2917,9	P	0	-0,57	1,5
1376892_at	412,1	P	0	287	P	0	-0,57	1,5
1377206_at	352,3	P	0	204,4	P	0,01	-0,57	1,5
1384634_at	1176,1	P	0	702,2	P	0	-0,57	1,5
1387477_at	446,4	P	0	264,2	P	0	-0,57	1,5
1387674_at	1223,4	P	0	836,9	P	0	-0,57	1,5
1388037_at	2718,6	P	0	2038,3	P	0	-0,57	1,5
1388831_at	264,5	P	0,01	172,9	P	0,01	-0,57	1,5
1388991_at	297,8	P	0,01	165	P	0,01	-0,57	1,5
1390350_at	603,5	P	0	398,4	P	0	-0,57	1,5
1392105_at	198,5	P	0	137,4	P	0,01	-0,57	1,5
1395062_at	496,4	P	0	356,2	P	0	-0,57	1,5
1395634_at	1122	P	0	745,9	P	0	-0,57	1,5
1370314_at	2792,9	P	0	1813,2	P	0	-0,56	1,5
1379300_at	1546	P	0	789,1	P	0,01	-0,56	1,5
1381167_at	775,3	P	0	553,3	P	0,01	-0,56	1,5
1386615_at	1565,1	P	0	1353,3	P	0	-0,56	1,5
1386809_at	797,5	P	0	524	P	0,01	-0,56	1,5
1387881_at	616	P	0	419	P	0	-0,56	1,5
1388060_at	414,9	P	0,01	267,2	P	0,01	-0,56	1,5
1388661_at	184	P	0	107,3	P	0,01	-0,56	1,5
1389491_at	2940,3	P	0	1854,9	P	0	-0,56	1,5
1390102_at	1365,1	P	0	926,9	P	0	-0,56	1,5
1392145_at	2828,4	P	0	1929,7	P	0	-0,56	1,5
1370545_at	918,8	P	0	572,8	P	0	-0,55	1,5
1370991_at	250,3	P	0	156,9	P	0	-0,55	1,5

1372099_at	1823,9	P	0	1314,5	P	0	-0,55	1,5
1373398_at	1978,7	P	0	1341,4	P	0	-0,55	1,5
1373931_at	861	P	0	718,4	P	0	-0,55	1,5
1374103_at	820,6	P	0	602,2	P	0,01	-0,55	1,5
1374653_at	733,3	P	0,02	389,9	M	0,06	-0,55	1,5
1376928_at	280,3	P	0	215,2	P	0,01	-0,55	1,5
1377095_at	2183,9	P	0	1647,3	P	0	-0,55	1,5
1379977_at	1035,9	P	0	706,8	P	0	-0,55	1,5
1383468_at	647,6	P	0	534,1	P	0	-0,55	1,5
1383542_at	1439,1	P	0	1027,1	P	0	-0,55	1,5
1384131_at	3167,1	P	0	2203,4	P	0	-0,55	1,5
1386348_at	745,5	P	0	532,3	P	0	-0,55	1,5
1387020_at	471,6	P	0	283,2	P	0	-0,55	1,5
1387476_at	662,2	P	0	432,3	P	0	-0,55	1,5
1390167_at	2150,9	P	0	1385,7	P	0	-0,55	1,5
1390523_at	427	P	0	321,5	P	0,03	-0,55	1,5
1390986_at	6729,2	P	0	4400,4	P	0	-0,55	1,5
1396542_at	1211,9	P	0	736,9	P	0	-0,55	1,5
1368562_at	1637,5	P	0	1153,7	P	0	-0,54	1,5
1377651_at	173,7	P	0,01	128,4	P	0,02	-0,54	1,5
1378971_at	568,6	P	0	477,4	P	0	-0,54	1,5
1380774_at	483,8	P	0,01	385,9	P	0,01	-0,54	1,5
1394097_at	1178,4	P	0,01	942,5	P	0,02	-0,54	1,5
1394609_at	1050,1	P	0	501,8	P	0	-0,54	1,5
1395311_at	698,9	P	0,02	392,3	P	0,05	-0,54	1,5
1395829_at	195,7	P	0,05	93,7	A	0,22	-0,54	1,5
1396154_at	3228,7	P	0	2127,5	P	0	-0,54	1,5
1397367_at	1142	P	0	844,7	P	0	-0,54	1,5
1368344_at	4050,7	P	0	2941,3	P	0	-0,53	1,4
1368698_at	2281,1	P	0	1626	P	0	-0,53	1,4
1369065_a_at	5794,1	P	0	4171,8	P	0	-0,53	1,4
1370715_at	192,5	P	0	139,5	P	0	-0,53	1,4
1373631_at	1624,1	P	0	1032	P	0	-0,53	1,4
1375820_at	259,5	P	0,01	216,7	P	0,01	-0,53	1,4
1382438_at	2819,4	P	0	2209	P	0	-0,53	1,4
1383318_at	2824,1	P	0	2786,9	P	0	-0,53	1,4
1384742_at	66,8	P	0,01	127,3	A	0,15	-0,53	1,4
1388323_at	1758,8	P	0	1387,7	P	0	-0,53	1,4
1389096_at	738,2	P	0	679,7	P	0	-0,53	1,4
1393910_at	400,9	P	0	296,1	P	0	-0,53	1,4
1394028_at	475,8	P	0,04	310,1	P	0,05	-0,53	1,4
1395070_at	214,3	P	0,01	167,3	P	0,02	-0,53	1,4
1395307_at	2871,3	P	0	1982,8	P	0	-0,53	1,4
1368986_at	1418,5	P	0	887,9	P	0	-0,52	1,4
1370185_at	939,5	P	0	857,1	P	0	-0,52	1,4
1370355_at	190,8	P	0,01	145,6	P	0,02	-0,52	1,4

1371049_at	1603,6	P	0	1197	P	0	-0,52	1,4
1371063_at	1776,4	P	0	979,1	P	0	-0,52	1,4
1372179_at	6460,9	P	0	4147,2	P	0	-0,52	1,4
1373756_at	2126,2	P	0	1571,5	P	0	-0,52	1,4
1373818_at	1397,5	P	0	1041	P	0	-0,52	1,4
1374061_at	236,2	P	0	195,4	P	0	-0,52	1,4
1374400_at	1132,7	P	0	839,4	P	0	-0,52	1,4
1374486_at	480,4	P	0	395,1	P	0	-0,52	1,4
1375698_at	102,9	P	0,04	81,7	A	0,1	-0,52	1,4
1376213_at	579,3	P	0	408	P	0	-0,52	1,4
1379123_at	1579,7	P	0	1062,6	P	0	-0,52	1,4
1379863_at	1205	P	0	865,2	P	0	-0,52	1,4
1382918_at	2558,1	P	0	1964,1	P	0	-0,52	1,4
1386724_at	651,3	P	0,01	300,2	P	0,01	-0,52	1,4
1386998_at	9311	P	0	6890	P	0	-0,52	1,4
1388662_at	1697,5	P	0	1177,4	P	0	-0,52	1,4
1390033_at	2470	P	0	1729,1	P	0	-0,52	1,4
1390766_at	729,6	P	0	434,2	P	0	-0,52	1,4
1369462_at	290,8	P	0	185,4	P	0,01	-0,51	1,4
1374769_at	456,7	P	0	280,9	P	0	-0,51	1,4
1374952_at	480,6	P	0	398,7	P	0	-0,51	1,4
1376060_at	919,8	P	0	684,2	P	0	-0,51	1,4
1376225_at	1128,5	P	0	949,9	P	0,01	-0,51	1,4
1377331_at	2074,9	P	0	1301,3	P	0	-0,51	1,4
1380228_at	800,6	P	0	521,3	P	0	-0,51	1,4
1384363_at	555,1	P	0,02	382,9	P	0,03	-0,51	1,4
1387137_at	154,8	P	0	94	P	0,04	-0,51	1,4
1387291_at	3220,2	P	0	2318,8	P	0	-0,51	1,4
1392980_at	3406,4	P	0	2867,8	P	0	-0,51	1,4
1393933_at	1247,5	P	0	959,2	P	0	-0,51	1,4
1394742_at	404,1	P	0,03	254,3	P	0,05	-0,51	1,4
1367562_at	4160,7	P	0	3057,2	P	0	-0,5	1,4
1368056_at	632,4	P	0	487,6	P	0	-0,5	1,4
1368255_at	1285,7	P	0	946	P	0	-0,5	1,4
1369696_at	364,4	P	0	274,1	P	0	-0,5	1,4
1369820_at	540,7	P	0	430,3	P	0	-0,5	1,4
1370205_at	576	P	0	516,2	P	0	-0,5	1,4
1372790_at	3149,9	P	0	2233,6	P	0	-0,5	1,4
1375968_at	609,4	P	0	422,6	P	0	-0,5	1,4
1378566_at	1292,8	P	0	1016	P	0	-0,5	1,4
1380092_at	181,3	P	0	91,6	A	0,1	-0,5	1,4
1382785_at	834,5	P	0	813,6	P	0	-0,5	1,4
1382943_at	617,7	P	0	441,7	P	0	-0,5	1,4
1384392_at	1829,1	P	0	1293,2	P	0	-0,5	1,4
1389095_at	396,6	P	0	293,7	P	0	-0,5	1,4
1390537_at	891,8	P	0	611,8	P	0	-0,5	1,4

1391575_at	3800,3	P	0	2588,1	P	0	-0,5	1,4
1395334_at	1448	P	0	1035,9	P	0	-0,5	1,4
1396403_at	493,2	P	0	404,2	P	0	-0,5	1,4
1367593_at	3381,8	P	0	2359,8	P	0	-0,49	1,4
1369058_at	295,3	P	0,01	216,2	M	0,06	-0,49	1,4
1370389_at	1815,7	P	0	1133,9	P	0	-0,49	1,4
1370517_at	3800,2	P	0	2655,7	P	0	-0,49	1,4
1370599_a_at	831,5	P	0	528,9	P	0	-0,49	1,4
1372443_at	1741	P	0	1407,6	P	0	-0,49	1,4
1373083_at	248,6	P	0	189,2	P	0	-0,49	1,4
1374187_at	1379,9	P	0	994,2	P	0	-0,49	1,4
1376516_at	429,2	P	0,02	351	P	0,03	-0,49	1,4
1377289_at	304,3	P	0,03	218,3	P	0,05	-0,49	1,4
1380089_at	407,6	P	0	355,1	P	0,01	-0,49	1,4
1384158_at	4573,2	P	0	2995,6	P	0	-0,49	1,4
1387078_at	2297,3	P	0	1688,1	P	0	-0,49	1,4
1387318_at	655,6	P	0	351	P	0	-0,49	1,4
1389456_at	548,6	P	0	341,3	P	0	-0,49	1,4
1389584_at	1844,7	P	0	1253,4	P	0	-0,49	1,4
1390566_a_at	1509,5	P	0	1171	P	0	-0,49	1,4
1391653_at	5265,4	P	0	3864,4	P	0	-0,49	1,4
1398271_at	453,7	P	0,01	339,6	P	0,01	-0,49	1,4
1369482_a_at	872,3	P	0	704,2	P	0	-0,48	1,4
1369816_at	3344,3	P	0	2404,9	P	0	-0,48	1,4
1370666_at	479,7	P	0	389,4	P	0,01	-0,48	1,4
1372761_at	978,1	P	0	860,6	P	0	-0,48	1,4
1373435_at	780,9	P	0	831	P	0,01	-0,48	1,4
1375272_at	1022,4	P	0	666,3	P	0	-0,48	1,4
1376499_at	305	P	0	187	P	0	-0,48	1,4
1376736_at	1319,2	P	0	801,5	P	0	-0,48	1,4
1379716_at	264,8	P	0,03	176,5	P	0,05	-0,48	1,4
1385731_at	212,4	P	0,01	186,7	A	0,07	-0,48	1,4
1386621_at	384,5	P	0	296,4	P	0,01	-0,48	1,4
1388583_at	302,9	P	0	171,7	P	0	-0,48	1,4
1389171_at	1115,3	P	0	789,2	P	0	-0,48	1,4
1390399_at	286,7	P	0,01	184	P	0,03	-0,48	1,4
1393440_at	137,5	P	0,04	119,9	A	0,15	-0,48	1,4
1394802_at	887,3	P	0,01	702,9	P	0,01	-0,48	1,4
1396333_at	387,4	P	0,02	319,4	P	0,05	-0,48	1,4
1398412_at	1301,1	P	0	1423,3	P	0	-0,48	1,4
1398450_at	830,3	P	0	634,6	P	0	-0,48	1,4
1398533_at	2917,8	P	0	2010,3	P	0	-0,48	1,4
1368561_at	453,8	P	0	332,9	P	0	-0,47	1,4
1369662_at	1828,8	P	0	1361,1	P	0	-0,47	1,4
1369798_at	3244,7	P	0	2325,4	P	0	-0,47	1,4
1369980_s_at	2041,6	P	0	1626,7	P	0	-0,47	1,4

1370568_at	322,8	P	0	260,7	P	0	-0,47	1,4
1371542_at	3266,9	P	0	2114,7	P	0	-0,47	1,4
1372861_at	1313,2	P	0	843,6	P	0	-0,47	1,4
1375307_at	2955,6	P	0	2495,7	P	0	-0,47	1,4
1375674_at	1340,9	P	0	1045,5	P	0	-0,47	1,4
1376363_at	612,2	P	0	448,2	P	0	-0,47	1,4
1377652_at	2892,1	P	0	2020,2	P	0	-0,47	1,4
1378361_at	841,8	P	0	692	P	0	-0,47	1,4
1379073_at	702,1	P	0	856	P	0	-0,47	1,4
1381206_at	6757,6	P	0	4898,6	P	0	-0,47	1,4
1381478_at	178,6	P	0	128,1	P	0,02	-0,47	1,4
1387512_at	3099,8	P	0	2186,9	P	0	-0,47	1,4
1388237_s_at	669,5	P	0	389,7	P	0	-0,47	1,4
1389781_at	374,5	P	0	294,4	P	0	-0,47	1,4
1391331_at	1399,2	P	0	1021,3	P	0	-0,47	1,4
1392617_at	508,9	P	0,01	387,6	P	0,01	-0,47	1,4
1393471_at	315,7	P	0	198,6	P	0	-0,47	1,4
1394354_at	982,5	P	0	810,5	P	0	-0,47	1,4
1395783_at	629,3	P	0	449,8	P	0	-0,47	1,4
1397990_at	518,1	P	0,04	384,8	A	0,07	-0,47	1,4
1367806_at	657,5	P	0	452,4	P	0	-0,46	1,4
1368330_at	328,1	P	0	177	P	0,01	-0,46	1,4
1368928_at	1479,2	P	0	1171,6	P	0	-0,46	1,4
1369732_a_at	808,1	P	0	606,7	P	0	-0,46	1,4
1369795_at	148,9	P	0	116,5	P	0	-0,46	1,4
1369847_at	665,1	P	0	701,9	P	0	-0,46	1,4
1370318_at	776,1	P	0	532,4	P	0	-0,46	1,4
1370326_at	1801,1	P	0	1283,2	P	0	-0,46	1,4
1370434_a_at	4931,2	P	0	3458	P	0	-0,46	1,4
1371577_at	943,9	P	0	709,7	P	0	-0,46	1,4
1371844_at	3611,7	P	0	2829	P	0	-0,46	1,4
1372989_at	606,5	P	0	475,4	P	0	-0,46	1,4
1373561_at	974	P	0,01	567,2	P	0,01	-0,46	1,4
1373991_at	199,8	P	0	192,3	P	0	-0,46	1,4
1374699_at	497,3	P	0	312,7	P	0	-0,46	1,4
1381149_at	522,6	P	0,01	426,1	P	0,01	-0,46	1,4
1383162_at	826,1	P	0	800,9	P	0	-0,46	1,4
1383220_at	5382,9	P	0	4260,6	P	0	-0,46	1,4
1383330_at	915,4	P	0	663,1	P	0	-0,46	1,4
1383566_at	3950,5	P	0	2888,2	P	0	-0,46	1,4
1383884_at	593,2	P	0	386,8	P	0	-0,46	1,4
1384594_at	560,9	P	0	371,3	P	0,01	-0,46	1,4
1384756_at	1971,5	P	0	1306,2	P	0	-0,46	1,4
1387380_at	1313,3	P	0	919,1	P	0	-0,46	1,4
1387429_at	965	P	0	705,6	P	0	-0,46	1,4
1391200_at	983,6	P	0	759,6	P	0	-0,46	1,4

1393250_at	2193,2	P	0	1616,3	P	0	-0,46	1,4
1367857_at	953,3	P	0	705,3	P	0	-0,45	1,4
1368239_at	405,3	P	0	340,2	P	0	-0,45	1,4
1368411_a_at	812,1	P	0	468,1	P	0	-0,45	1,4
1369903_at	230,4	P	0,01	171,2	P	0,02	-0,45	1,4
1370176_at	681,6	P	0	446,2	P	0	-0,45	1,4
1374414_at	2431,2	P	0	1761,3	P	0	-0,45	1,4
1374445_at	766,1	P	0	575,7	P	0	-0,45	1,4
1376104_at	752,8	P	0	527,7	P	0	-0,45	1,4
1376120_at	712,6	P	0	577,1	P	0	-0,45	1,4
1376267_at	530,3	P	0	355,7	P	0	-0,45	1,4
1376800_at	4050,9	P	0	2888,5	P	0	-0,45	1,4
1378571_at	609,9	P	0	425	P	0	-0,45	1,4
1383861_at	2540,4	P	0	2007,5	P	0	-0,45	1,4
1383903_at	1225,7	P	0	1379,5	P	0	-0,45	1,4
1387154_at	568,4	P	0	438,3	P	0	-0,45	1,4
1387698_at	311,9	P	0	246,7	P	0	-0,45	1,4
1389282_at	841,7	P	0,02	569,5	P	0,02	-0,45	1,4
1390036_at	431,5	P	0	342,4	P	0	-0,45	1,4
1390706_at	753,2	P	0	544,1	P	0	-0,45	1,4
1391071_at	1440,4	P	0	1094,6	P	0	-0,45	1,4
1391334_at	2340	P	0	1259,9	P	0	-0,45	1,4
1391559_at	238,5	P	0	210,9	P	0	-0,45	1,4
1367603_at	4622,4	P	0	3319,3	P	0	-0,44	1,4
1367845_at	1296,1	P	0	933,7	P	0	-0,44	1,4
1368524_at	3834,6	P	0	2653,6	P	0	-0,44	1,4
1368675_at	2486,6	P	0	1996,8	P	0	-0,44	1,4
1368904_at	513,1	P	0	437	P	0	-0,44	1,4
1369066_at	1737,7	P	0	1299	P	0	-0,44	1,4
1369222_at	985,4	P	0	838,3	P	0	-0,44	1,4
1369435_at	71,4	P	0,03	67,4	P	0,05	-0,44	1,4
1370197_a_at	1079,4	P	0	888,6	P	0,01	-0,44	1,4
1370556_at	3003,4	P	0	2179,5	P	0	-0,44	1,4
1371323_at	5243,2	P	0	3454,4	P	0	-0,44	1,4
1372063_at	1701,9	P	0	1166,8	P	0	-0,44	1,4
1378004_at	462,7	P	0	353,7	P	0,01	-0,44	1,4
1383413_at	487,7	P	0	341,7	P	0	-0,44	1,4
1386269_x_at	102,4	P	0,01	74,2	P	0,02	-0,44	1,4
1386955_at	1763,6	P	0	1416,7	P	0	-0,44	1,4
1387577_at	309,1	P	0,01	377,1	P	0,01	-0,44	1,4
1389047_at	657,6	P	0	415,7	P	0,01	-0,44	1,4
1391898_at	477	P	0	325,1	P	0	-0,44	1,4
1393385_at	518,9	P	0,01	418,9	P	0,01	-0,44	1,4
1395066_at	544,6	P	0,01	342,3	P	0	-0,44	1,4
1395566_at	183,6	P	0,02	135,2	P	0,05	-0,44	1,4
1396147_at	135,9	P	0	113	P	0	-0,44	1,4

1399125_at	485,2	P	0	328,1	P	0,01	-0,44	1,4
1367563_at	2869,3	P	0	2455,3	P	0	-0,43	1,3
1367731_at	1835,7	P	0	1498,4	P	0	-0,43	1,3
1370225_at	329,6	P	0	241,9	P	0	-0,43	1,3
1370313_at	1841	P	0	1486,6	P	0	-0,43	1,3
1371933_at	1644	P	0	1185,9	P	0	-0,43	1,3
1372208_at	1162,2	P	0	860,2	P	0	-0,43	1,3
1374641_at	1142,9	P	0	963,2	P	0	-0,43	1,3
1376460_at	3374,7	P	0	2335,4	P	0	-0,43	1,3
1386540_at	2563	P	0	2219,1	P	0	-0,43	1,3
1386917_at	414,7	P	0,02	365	P	0,05	-0,43	1,3
1387107_at	439,8	P	0	323,6	P	0	-0,43	1,3
1387226_at	2908,8	P	0	2091,6	P	0	-0,43	1,3
1387834_at	286,2	P	0	305,5	P	0	-0,43	1,3
1388113_at	8300,4	P	0	5972,2	P	0	-0,43	1,3
1388143_at	345	P	0	205	P	0	-0,43	1,3
1388919_at	787,1	P	0	592,2	P	0	-0,43	1,3
1389505_at	792,7	P	0,01	564,5	P	0,01	-0,43	1,3
1390174_at	485,8	P	0	432,5	P	0	-0,43	1,3
1390554_at	403,7	P	0	604,2	P	0	-0,43	1,3
1393932_at	1175	P	0	925,9	P	0	-0,43	1,3
1369371_a_at	1679	P	0	1264	P	0	-0,42	1,3
1369687_at	296,5	P	0	205,6	P	0,01	-0,42	1,3
1371380_at	2448,9	P	0	1893,6	P	0	-0,42	1,3
1375127_at	182,4	P	0,04	174,6	P	0,01	-0,42	1,3
1376097_at	771,8	P	0	579,5	P	0	-0,42	1,3
1376952_at	2786,8	P	0	2103,6	P	0	-0,42	1,3
1377044_at	1585,1	P	0	1383,2	P	0	-0,42	1,3
1377719_a_at	732,8	P	0	641,8	P	0	-0,42	1,3
1377839_at	5541,7	P	0	4420,9	P	0	-0,42	1,3
1380810_at	925,6	P	0	587,3	P	0	-0,42	1,3
1389752_at	262,7	P	0	218,3	P	0,01	-0,42	1,3
1389896_at	334,7	P	0	237,6	P	0,01	-0,42	1,3
1390034_at	328,4	P	0	215,2	P	0	-0,42	1,3
1390255_at	699,4	P	0	517,2	P	0	-0,42	1,3
1394445_at	834,4	P	0	616,5	P	0	-0,42	1,3
1397637_at	575,9	P	0	419,1	P	0	-0,42	1,3
1367693_at	6814,8	P	0	5313,4	P	0	-0,41	1,3
1367805_at	2515,4	P	0	2006,8	P	0	-0,41	1,3
1368515_at	1904,6	P	0	1094,3	P	0	-0,41	1,3
1369384_at	338	P	0	256,3	P	0	-0,41	1,3
1374277_at	106,7	P	0,01	96,7	P	0,04	-0,41	1,3
1376583_at	2528,3	P	0	1672,6	P	0	-0,41	1,3
1378102_at	862,2	P	0	801,7	P	0	-0,41	1,3
1379206_at	2614,3	P	0	1957,2	P	0	-0,41	1,3
1379564_at	642,1	P	0	370,6	P	0	-0,41	1,3

1380990_at	1533,9	P	0	1313,5	P	0	-0,41	1,3
1383464_at	499,8	P	0	379,1	P	0	-0,41	1,3
1386937_at	8527,2	P	0	6389	P	0	-0,41	1,3
1386985_at	1089,3	P	0	736,7	P	0	-0,41	1,3
1388419_at	787,2	P	0	620,2	P	0	-0,41	1,3
1391090_at	2286,6	P	0	1716,1	P	0	-0,41	1,3
1391760_at	933	P	0	694,6	P	0	-0,41	1,3
1393283_at	606,2	P	0	487,5	P	0	-0,41	1,3
1398289_a_at	309,2	P	0	194,5	P	0,01	-0,41	1,3
1398615_at	1336,9	P	0	970,5	P	0	-0,41	1,3
1371202_a_at	964,4	P	0	843,7	P	0	-0,4	1,3
1371915_at	1310,2	P	0	1108,9	P	0	-0,4	1,3
1373255_at	2231,3	P	0	1310,6	P	0	-0,4	1,3
1373510_at	4913,5	P	0	3839,9	P	0	-0,4	1,3
1374462_at	1562,1	P	0	1213,6	P	0	-0,4	1,3
1375231_a_at	1892,4	P	0	1277	P	0	-0,4	1,3
1378926_at	290,3	P	0	256,8	P	0,01	-0,4	1,3
1382557_at	433,6	P	0	337	P	0	-0,4	1,3
1384771_at	491,2	P	0	422,5	P	0	-0,4	1,3
1384904_at	919,3	P	0	750,4	P	0	-0,4	1,3
1385050_at	332,6	P	0	300,8	P	0	-0,4	1,3
1389844_at	2052,5	P	0	1359,7	P	0	-0,4	1,3
1392122_x_at	144,3	P	0,02	120,5	P	0,02	-0,4	1,3
1395384_at	290,2	P	0,05	254	A	0,07	-0,4	1,3
1370519_at	4178,1	P	0	3485,1	P	0	-0,39	1,3
1371666_at	2440,7	P	0	1839,4	P	0	-0,39	1,3
1372250_at	2777,7	P	0	2313,1	P	0	-0,39	1,3
1372528_at	3956,5	P	0	3534,7	P	0	-0,39	1,3
1376808_at	510,3	P	0	378,6	P	0,01	-0,39	1,3
1382319_at	1796,9	P	0	1813,3	P	0	-0,39	1,3
1382535_at	1779,7	P	0	1394,2	P	0	-0,39	1,3
1383270_at	804,1	P	0,01	699,5	P	0,02	-0,39	1,3
1384302_at	10774,9	P	0	8106	P	0	-0,39	1,3
1386551_at	413,3	P	0,01	297,3	M	0,06	-0,39	1,3
1387373_at	762,2	P	0	638,8	P	0	-0,39	1,3
1388540_at	387,6	P	0	517,1	P	0,01	-0,39	1,3
1389347_at	1970,5	P	0	1561,5	P	0	-0,39	1,3
1390240_at	424,4	P	0	319,9	P	0	-0,39	1,3
1390477_at	2854,2	P	0	2216,8	P	0	-0,39	1,3
1392003_at	1161,3	P	0	853,8	P	0	-0,39	1,3
1397337_at	472,6	P	0,01	330,8	P	0,01	-0,39	1,3
1367629_at	5294,5	P	0	4159,6	P	0	-0,38	1,3
1367762_at	432,6	P	0	329,2	P	0	-0,38	1,3
1368572_a_at	1648,5	P	0	1373,2	P	0	-0,38	1,3
1369471_at	339,9	P	0	242,8	P	0	-0,38	1,3
1369974_at	2089,5	P	0	1610,8	P	0	-0,38	1,3

1370500_a_at	3460,2	P	0	2502,7	P	0	-0,38	1,3
1370590_at	654,1	P	0	557,2	P	0	-0,38	1,3
1370662_a_at	779,7	P	0	554,7	P	0	-0,38	1,3
1371528_at	1550,8	P	0	1244,9	P	0	-0,38	1,3
1371538_at	1662,8	P	0	1179,4	P	0	-0,38	1,3
1371716_at	1481,6	P	0	1123,4	P	0	-0,38	1,3
1372695_at	2118,9	P	0	1660,7	P	0	-0,38	1,3
1373385_at	1456,9	P	0	1334,4	P	0	-0,38	1,3
1373551_at	1822	P	0	1452,5	P	0	-0,38	1,3
1374147_at	181	P	0	144	P	0	-0,38	1,3
1380107_a_at	2073	P	0	1418,6	P	0	-0,38	1,3
1383760_at	191	P	0,01	94,5	P	0,04	-0,38	1,3
1389099_at	270,6	P	0	208,7	P	0,01	-0,38	1,3
1389129_at	179,6	P	0,01	110	P	0,01	-0,38	1,3
1389550_at	4809,1	P	0	3581,5	P	0	-0,38	1,3
1390493_at	2361,7	P	0	1861,8	P	0	-0,38	1,3
1392295_a_at	333,1	P	0	219,6	P	0	-0,38	1,3
1393477_at	3653,8	P	0	2644,5	P	0	-0,38	1,3
1396161_at	285,3	P	0	210,3	P	0,02	-0,38	1,3
1398389_at	1728,1	P	0	1167,9	P	0	-0,38	1,3
1367708_a_at	1569,8	P	0	987,6	P	0	-0,37	1,3
1368008_at	384,8	P	0	345,4	P	0	-0,37	1,3
1372998_at	1312	P	0	1235,4	P	0	-0,37	1,3
1373125_at	2470,3	P	0	1968,1	P	0	-0,37	1,3
1374241_at	595,1	P	0	310,5	P	0	-0,37	1,3
1374466_at	1458,3	P	0	1310,3	P	0	-0,37	1,3
1379324_at	6097,4	P	0	4985,9	P	0	-0,37	1,3
1380330_at	828,7	P	0	581,2	P	0,01	-0,37	1,3
1385070_at	5823,9	P	0	4380	P	0	-0,37	1,3
1387017_at	500,7	P	0	387,6	P	0	-0,37	1,3
1387121_a_at	5721,4	P	0	4439,3	P	0	-0,37	1,3
1390865_at	3419,7	P	0	2648,2	P	0	-0,37	1,3
1391951_at	466,3	P	0,01	284,1	P	0,01	-0,37	1,3
1395090_at	888	P	0	697,1	P	0	-0,37	1,3
1398368_at	1920,3	P	0	1301,6	P	0	-0,37	1,3
1367959_a_at	4782,6	P	0	3516,1	P	0	-0,36	1,3
1367992_at	4553,3	P	0	3516,7	P	0	-0,36	1,3
1368292_at	7645,8	P	0	6698,7	P	0	-0,36	1,3
1369756_a_at	727,5	P	0,01	574,4	P	0,02	-0,36	1,3
1370238_at	3881,4	P	0	2977	P	0	-0,36	1,3
1372040_at	1071,9	P	0	746,6	P	0	-0,36	1,3
1372864_at	542,3	P	0	362,7	P	0	-0,36	1,3
1375140_at	1180	P	0	747,2	P	0	-0,36	1,3
1376137_at	1883,6	P	0	1414,9	P	0	-0,36	1,3
1376881_at	606,6	P	0	509,4	P	0	-0,36	1,3
1378018_at	1263,8	P	0	1002,1	P	0	-0,36	1,3

1382250_at	1063,1	P	0	707,7	P	0,01	-0,36	1,3
1383054_at	258,9	P	0	247	P	0	-0,36	1,3
1383867_at	1593,4	P	0	1100,1	P	0	-0,36	1,3
1386961_at	2337	P	0	1824,6	P	0	-0,36	1,3
1387131_at	856,7	P	0	707,1	P	0	-0,36	1,3
1387923_at	2057,3	P	0	1610,4	P	0	-0,36	1,3
1389307_at	1600,1	P	0	1397,1	P	0	-0,36	1,3
1389963_at	1241	P	0	945	P	0	-0,36	1,3
1390097_at	2638,9	P	0	2192,8	P	0	-0,36	1,3
1390311_at	709,7	P	0	437,9	P	0	-0,36	1,3
1395424_at	2739,6	P	0	2097,3	P	0	-0,36	1,3
1371167_at	933	P	0	659,6	P	0	-0,35	1,3
1371701_at	4225,5	P	0	3176,8	P	0	-0,35	1,3
1372537_at	275,5	P	0	233,2	P	0	-0,35	1,3
1372825_at	1473	P	0	1161,4	P	0	-0,35	1,3
1373266_at	3298,8	P	0	2427	P	0	-0,35	1,3
1375651_at	11674	P	0	9003,7	P	0	-0,35	1,3
1375705_at	3212,6	P	0	2002,8	P	0	-0,35	1,3
1375882_at	3392,2	P	0	2682,2	P	0	-0,35	1,3
1377174_at	1124,9	P	0	787,6	P	0	-0,35	1,3
1378269_at	1283,4	P	0	953	P	0	-0,35	1,3
1381002_at	606,2	P	0,01	384,2	P	0,02	-0,35	1,3
1381183_at	1848	P	0	1560,7	P	0	-0,35	1,3
1381621_at	553	P	0	506,9	P	0	-0,35	1,3
1387261_at	648,5	P	0	506,1	P	0	-0,35	1,3
1388027_a_at	3800,9	P	0	2819,2	P	0	-0,35	1,3
1388300_at	1277,2	P	0	1017,7	P	0	-0,35	1,3
1388551_at	3478,2	P	0	2651	P	0	-0,35	1,3
1393547_at	4643	P	0	3699,1	P	0	-0,35	1,3
1393642_at	782,2	P	0,01	583,4	P	0,01	-0,35	1,3
1367653_a_at	5645,3	P	0	4830	P	0	-0,34	1,3
1369053_at	340,1	P	0	336,8	P	0,01	-0,34	1,3
1370218_at	5637,5	P	0	4450,6	P	0	-0,34	1,3
1374265_at	1071,9	P	0	956,1	P	0	-0,34	1,3
1378531_at	1993	P	0	1817,4	P	0	-0,34	1,3
1378587_at	3339,7	P	0	2480,1	P	0	-0,34	1,3
1378871_at	2773,1	P	0	2058,9	P	0	-0,34	1,3
1385229_at	756,9	P	0	609,3	P	0	-0,34	1,3
1388039_a_at	3759	P	0	2898,6	P	0	-0,34	1,3
1389557_at	342,1	P	0	288,7	P	0	-0,34	1,3
1390710_x_at	1277,5	P	0	1047,4	P	0	-0,34	1,3
1393408_at	1479,3	P	0	1300,3	P	0	-0,34	1,3
1393723_at	2731,2	P	0	2902,1	P	0	-0,34	1,3
1393736_at	1936,2	P	0	1413,9	P	0	-0,34	1,3
1394422_at	1078,3	P	0	818,6	P	0	-0,34	1,3
1398923_at	3044	P	0	2148,8	P	0	-0,34	1,3

1367996_a_at	644,9	P	0	432	P	0	-0,33	1,3
1370503_s_at	1099,4	P	0	838,3	P	0	-0,33	1,3
1370903_a_at	2249,3	P	0	1874,3	P	0	-0,33	1,3
1371702_at	4662,9	P	0	3628	P	0	-0,33	1,3
1372383_at	1762,1	P	0	1410,3	P	0	-0,33	1,3
1374913_at	966,1	P	0	733,6	P	0	-0,33	1,3
1375417_at	606,5	P	0	615,1	P	0,01	-0,33	1,3
1379736_at	2665,2	P	0	2037,3	P	0	-0,33	1,3
1380222_at	653	P	0,01	487,5	P	0,02	-0,33	1,3
1383363_at	8974,6	P	0	7183,3	P	0	-0,33	1,3
1385826_at	1150,9	P	0	941,5	P	0	-0,33	1,3
1387441_at	292,8	P	0	307,1	P	0,01	-0,33	1,3
1388559_at	1147	P	0	877	P	0	-0,33	1,3
1391118_at	377,2	P	0	221,8	P	0	-0,33	1,3
1392944_at	880,7	P	0	668,1	P	0	-0,33	1,3
1367799_at	7657	P	0	6008,1	P	0	-0,32	1,2
1369212_s_at	761,5	P	0	566,1	P	0,01	-0,32	1,2
1369453_at	712,3	P	0	623,1	P	0	-0,32	1,2
1371018_at	225,6	P	0,01	160,1	P	0,01	-0,32	1,2
1371424_at	598,2	P	0	459,6	P	0	-0,32	1,2
1372276_at	1102	P	0	868,7	P	0	-0,32	1,2
1372568_at	3106	P	0	2610,5	P	0	-0,32	1,2
1372849_at	488,4	P	0	347,9	P	0	-0,32	1,2
1374703_at	2974,9	P	0	2505,2	P	0	-0,32	1,2
1377168_at	477,5	P	0	451,1	P	0	-0,32	1,2
1377730_at	1588,1	P	0	1392,7	P	0	-0,32	1,2
1377780_at	1864,5	P	0	1471,1	P	0,01	-0,32	1,2
1377786_at	422,8	P	0	293,8	P	0	-0,32	1,2
1379545_at	17763,2	P	0	14040,6	P	0	-0,32	1,2
1386975_at	1082,9	P	0	866,7	P	0	-0,32	1,2
1388170_at	420,9	P	0	358,7	P	0	-0,32	1,2
1390345_at	980,2	P	0	911,9	P	0	-0,32	1,2
1393510_at	6727,1	P	0	4213,3	P	0	-0,32	1,2
1398406_at	2514,9	P	0	2308	P	0	-0,32	1,2
1367557_s_at	9225,7	P	0	7380,7	P	0	-0,31	1,2
1368962_at	141,2	P	0	118,8	P	0	-0,31	1,2
1373792_at	2127,6	P	0	1706,8	P	0	-0,31	1,2
1375994_at	376,3	P	0	302,1	P	0	-0,31	1,2
1384655_at	1667,8	P	0	1152,4	P	0	-0,31	1,2
1367620_at	5817,1	P	0	4617,9	P	0	-0,3	1,2
1376345_at	2806,7	P	0	2719,7	P	0	-0,3	1,2
1377576_at	550,3	P	0	436,6	P	0	-0,3	1,2
1379091_at	2239	P	0	1706,4	P	0	-0,3	1,2
1382048_at	1383,9	P	0	1246,6	P	0	-0,3	1,2
1376577_at	2602	P	0	2202,3	P	0	-0,29	1,2
1394668_at	7507	P	0	6099,8	P	0	-0,29	1,2

1396294_at	166,4	P	0,02	99,2	P	0,05	-0,29	1,2
1368098_a_at	4440,4	P	0	3583,6	P	0	-0,28	1,2
1371103_at	1335,7	P	0	1031,6	P	0	-0,28	1,2
1375648_at	249,7	P	0,02	143	P	0,04	-0,28	1,2
1376989_at	2036,6	P	0	1647,9	P	0	-0,28	1,2
1390555_at	1457,3	P	0	1135,6	P	0	-0,28	1,2
1391092_at	3526,9	P	0	2615,3	P	0	-0,28	1,2
1395354_at	1229,5	P	0	876,9	P	0	-0,28	1,2
1369093_at	1671,9	P	0	1320	P	0	-0,27	1,2
1370625_at	3106,3	P	0	2728	P	0	-0,26	1,2
1384786_at	124	P	0,05	87,9	A	0,15	-0,26	1,2
1388317_at	2284	P	0	1854,9	P	0	-0,26	1,2
1374160_at	2447,7	P	0	2051,3	P	0	-0,25	1,2
1383499_at	652,7	P	0	539,2	P	0	-0,25	1,2
1387968_at	935,8	P	0	587,4	P	0	-0,25	1,2
1367578_at	3370,2	P	0	2799,1	P	0	-0,24	1,2
1387683_at	364,4	P	0	277,1	P	0	-0,24	1,2
1376938_at	47,4	P	0	51,2	P	0,02	-0,23	1,2
1389015_at	887,2	P	0	718,8	P	0	-0,23	1,2
1389301_at	2299,7	P	0	1952,4	P	0	-0,23	1,2
1394833_at	8736,8	P	0	7319,3	P	0	-0,23	1,2
1395045_at	653,1	P	0,01	541,2	P	0,01	-0,22	1,2
1398826_s_at	350,7	P	0	238,6	P	0	-0,22	1,2
1386460_x_at	134	P	0,05	167,9	A	0,07	-0,21	1,2
1385782_at	1539,3	P	0	1018,3	P	0	-0,2	1,1

_3							
Change	Change p-value	Gene Title	Gene Symbol	GO Biological Process Description	GO Molecular Function Description	GO Cellular Component Description	Pathway
	0	Rat anti-acetylcholinesterase 1	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	RT1 class Ib gene	RT1Aw2	MHC_I;immune	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	RT1 class Ib gene	RT1Aw2	MHC_I;immune	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	transporter 1, ATP-binding cassette	Tap1	transport /// oligonucleotide binding	nucleotide binding	extracellular	---
	0	Rat Ig active lambda chain	---	---	---	---	---
	0	coagulation factor F10	F10	proteolysis and fibrinolysis	blood coagulation	extracellular	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	complement component 3	C3	inflammatory response	complement activation	extracellular	Complement
	0	Rattus norvegicus	---	---	---	---	---
	0	Rat anti-acetylcholinesterase 1	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	low affinity immunoglobulin gamma receptor 2	Fcgr2	---	---	---	---
	0	Rat MHC class II	---	---	---	---	---
	0	intermediate conductance calcium-activated potassium channel subunit 4	Kcnn4	ion transport	calcium-activated potassium channel activity	---	---
	0	small inducible cytokine A2	Scya2	chemotaxis /// in response to hypoxia	G-protein-coupled receptor activity	extracellular	---
	0	CD74 antigen (invariant chain)	Cd74	immune response	chaperone activity	integral to membrane	---
	0	protein tyrosine phosphatase	Ptpnc	protein amino acid phosphorylation	phosphoprotein tyrosine phosphatase activity	extracellular	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	guanylate binding protein 2	Gbp2	---	GBP;GTPase activity	---	---
	0	Best5 protein	Best5	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	RT1 class Ib gene	RT1-N1	MHC_I;immune	---	---	---
	0	complement component 2	C2	proteolysis and fibrinolysis	classical-complement	extracellular	---
	0	Rattus norvegicus	---	---	---	---	---
	0	neutrophil cytosolic factor 1	Ncf1	PX;intracellular	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	chemokine (C-X-C motif) subfamily 10	Cxcl10	cell motility /// chemotaxis	cytokine activity	extracellular	---
	0	butyrophilin-like 2	Btnl2	---	---	---	---

I	0	myxovirus (influenza)	Mx1	defense response	GTPase activity	nucleus	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	MHC class Ib RT1	RT1.S3	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	RT1 class Ib gene	RT1Aw2	MHC_I;immune	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rat MHC RT1 class	---	---	---	---	---
I	0	---	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rat mRNA for MHC	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Annexin III (Lipocalin)	Anx3	---	annexin;calcium	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	RT1 class Ib gene	RT1Aw2	MHC_I;immune	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	complement component	C2	proteolysis and	classical-complement	extracellular	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	schlafen 4	Slf4	---	---	---	---
I	0	heme oxygenase	Hmox1	phospholipid metabolism	heme oxygenase	microsome	---
I	0	peptidylprolyl isomerase	Ppicap	---	SRCR;scavenger	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	---	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	allograft inflammatory	Aif1	macrophage activation	calcium ion binding	---	---
I	0	---	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	complement component	C1qb	complement activation	---	---	Complement
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	integrin alpha M	Iltgam	---	---	---	---
I	0	lectin, galactose binding	Lgals3	heterophilic cell-cell	sugar binding	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	vav 1 oncogene	Vav1	intracellular signaling	guanyl-nucleotide	---	---

	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	palmitoyl-protein t	Ppt2	protein modifica	catalytic activ	lysosome	---
	0	Rattus norvegicus	---	---	---	---	---
	0	25 oligoadenylate	Oas1	response to viru	2'-5'-oligoade	---	---
	0	macrophage expr	Mpeg1	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	MHC class Ib RT1	RT1.S3	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	RT1 class Ib gene	RT1Aw2	---	---	---	---
	0	interferon, alpha-i	Ifi271	---	---	---	---
	0	Rattus norvegicus	---	MHC_I;immune	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	MHC class Ib RT1	RT1.S3	---	---	---	---
	0	CCAAT/enhancer	Cebpb	regulation of tra	DNA binding	nucleus ///	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	proteasome (pros	Psmb9	ubiquitin-depend	endopeptidas	proteasom	---
	0	Rattus norvegicus	---	---	---	---	---
	0	cathepsin Y	LOC252929	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	glycoprotein (trans	Gpnmb	---	---	---	---
	0	myxovirus (influen	Mx2	defense respons	GTPase activ	---	---
	0	interferon induced	Ifitm3l	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	lectin, galactose b	Lgals5	heterophilic cell	sugar binding	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	proteasome (pros	Psmb8	ubiquitin-depend	endopeptidas	cytosol ///	---
	0	Annexin III (Lipoc	Anx3	---	annexin;calciu	---	---
	0	complement comp	C2	proteolysis and	classical-com	extracellula	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	lysosomal-associa	Laptm5	---	---	lysosome /	---
	0	lectin, galactose b	Lgals9	ion transport ///	sugar binding	---	---
	0	Metallothionein	Mt1a	zinc ion homeos	copper ion bin	lysosome /	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	serine (or cysteine	Serping1	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	MHC class Ib RT1	RT1.S3	---	---	---	---
	0	signal transducer	Stat1	---	STAT_prot;tra	---	TGF_Beta
	0	apolipoprotein B e	Apobec1	mRNA editing ///	zinc ion bindin	---	---
	0	Rattus norvegicus	---	---	---	---	---

	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	tissue inhibitor of	Timp1	C21-steroid hor	metalloendop	extracellula	Matrix_Me
	0	signal transducer	Stat1	---	STAT_prot;tra	---	TGF_Beta
	0	DAMP-1 protein	DAMP-1	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	RT1 class Ib gene	RT1Aw2	MHC_I;immune	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	MHC_I;immune	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	cyclin-dependent	Cdkn1a	---	CDI;cyclin-de	---	---
	0	RT1 class Ib gene	RT1Aw2	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	signal transducer	Stat1	---	STAT_prot;tra	---	TGF_Beta
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
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	0	---	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	MHC_I;immune	---	---	---
	0	endothelial type g	Cybb	---	---	---	---
	0	CD4 antigen	Cd4	defense respons	coreceptor ad	extracellula	---
	0	Rattus norvegicus	---	---	---	---	---
	0	cathepsin C	Ctsc	proteolysis and	cysteine-type	extracellula	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	beta-2 microglobu	B2m	defense respons	MHC class I r	extracellula	---
	0	Rattus norvegicus	---	---	---	---	---
	0	fibrinogen-like 2	Fgl2	---	---	---	Blood_Clo
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---

	0	glutathione S-tran	Gsta1	glutathione meta	glutathione tra	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	macrophage expr	Mpeg1	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	fibrinogen-like 2	Fgl2	---	---	---	Blood_Clo
	0	Fc receptor, IgG,	Fcgr3	cell-mediated im	receptor activ	integral to	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	TORID	TORID	---	---	---	---
	0	actin related prote	Arpc1b	---	---	Arp2/3 pro	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	CD53 antigen	Cd53	---	---	plasma me	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	caspase 12	Casp12	induction of apo	3.4.22.36;cas	---	---
	0	B-factor, properdi	Bf	proteolysis and	complement a	extracellul	---
	0	heat shock 27kDa	Hspb1	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	complement comp	C1s	---	3.4.21.42;con	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	CD37 antigen	Cd37	---	---	plasma me	---
	0	Rattus norvegicus	---	---	---	---	---
	0	peptide/histidine t	Pht2	protein catabolis	proton-depen	lysosomal	---
	0	major histocompa	Hla-dmb	---	---	---	---
	0	granulin	Grn	lipid catabolism	phospholipas	extracellul	---
	0	lysosomal-associ	Laptm5	---	---	lysosome /	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	cathepsin C	Ctsc	proteolysis and	cysteine-type	extracellul	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	lymphocyte cytos	Lcp2	SH2;intracellul	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	endothelial type g	Cybb	---	Ferric_reduct	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	protease (prosom	Psme1	immune respons	proteasome a	cytosol ///	---
	0	Fc receptor, IgG,	Fcgr3	cell-mediated im	receptor activ	integral to	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	vascular cell adhe	Vcam1	cell adhesion ///	cell adhesion	extracellul	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---

I	0	Rattus norvegicus	---	---	---	---	---
I	0	RT1 class Ib gene	RT1Aw2	MHC_I;immune	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	selenoprotein P, p	Sepp1	---	---	---	---
I	0	CD48 antigen	Cd48	---	---	extrinsic to	---
I	0	cytochrome P450	Cyp27	p450;electron tra	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	tissue inhibitor of	Timp2	---	enzyme activ	extracellular	Matrix_Me
I	0	cathepsin S	Ctss	proteolysis and	cysteine-type	lysosome	---
I	0	epididymal secret	re1	---	---	---	---
I	0	---	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	ceruloplasmin	Cp	iron ion homeos	ferroxidase ac	extracellular	---
I	0	Rat Ig active lamb	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	secreted phospho	Spp1	ossification /// ar	defense/immu	extracellular	TGF_Beta
I	0	WNT1 inducible s	Wisp2	---	IGFBP;insulin	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Annexin III (Lipoc	Anx3	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	Lamp;men	---
I	0	CD44 antigen	Cd44	ureteric bud bra	receptor activ	plasma me	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rat ig delta heavy	---	---	---	---	---
I	0	neurogranin	Nrgn	protein kinase c	calmodulin bi	---	---
I	0	thymosin beta-4	Tmsb4x	protein complex	actin binding	cytoskelet	---
I	0	cathepsin H	Ctsh	proteolysis and	cysteine-type	extracellular	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Protein kinase, int	Prkr	---	RNA binding	---	---
I	0	ceruloplasmin	Cp	iron ion homeos	ferroxidase ac	extracellular	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	tumor necrosis fa	Tnfrsf1a	apoptosis /// sig	receptor activ	integral to	Apoptosis
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---

	0	Rattus norvegicus	---	---	---	---	---
	0	neuropilin	Nrp	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	apoptosis-associated	Asc	induction of apo	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	antisense basic fib	Nudt6	---	hydrolase act	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	glycoprotein 38	Gp38	lung developme	---	extracellula	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	---	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	interleukin 18	Il18	angiogenesis ///	cytokine activ	extracellula	---
	0	complement comp	Cfh	---	---	---	---
	0	cholecystokinin	Cck	---	hormone activ	extracellula	---
	0	caspase 1	Casp1	proteolysis and	caspase activ	intracellula	---
	0	SHC (Src homolo	Shc1	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	solute carrier fam	Slc7a3	transport /// ami	amino acid-p	integral to	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	chemokine (C-X-C	Cxcl11	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	tropomyosin isofo	LOC286890	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	arachidonate 5-lip	Alox5ap	leukotriene meta	enzyme activ	integral to	Eicosanoid
	0	major histocompa	Hla-dma	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	acyl-coenzyme A:	Soat1	cholesterol meta	sterol O-acylt	endoplasm	---
	0	Rattus norvegicus	---	---	---	---	---
	0	vimentin	Vim	---	---	kinesin cor	---
	0	Rattus norvegicus	---	---	---	---	---
	0	protease (prosom	Psme2	immune respons	proteasome ac	cytosol /// p	---
	0	synaptogyrin 2	Syng2	---	---	membrane	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	pyrimidinergic rec	P2ry6	G-protein couple	rhodopsin-like	integral to	---

I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	moesin	Msn	---	structural mol	cytoskelet	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	forkhead box O1	Foxo1	regulation of tra	DNA binding	nucleus ///	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	interferon regulat	Irf1	regulation of tra	DNA binding	nucleus	---
I	0	villin 2	Vil2	---	structural mol	cytoskelet	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	S-100 related pro	S100a10	---	calcium ion b	---	---
I	0	zinc finger protein	Zfp361	---	nucleic acid b	nucleus	---
I	0	---	---	---	---	---	---
I	0	protein tyrosine p	Ptp6	SH2;intracellu	---	---	---
I	0	DNA-damage ind	Ddit3	regulation of tra	DNA binding	nucleus	---
I	0	crystallin, alpha C	Cryac	---	---	---	---
I	0	tumor necrosis fa	Tnfip6	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Inhibitor of DNA b	Id3	---	---	nucleus	---
I	0	fatty acid binding	Fabp7	transport	transporter ac	---	---
I	0	Rattus norvegicus	---	---	ABC_tran;AT	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	testis-specific hea	Hspt70	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	---	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	CCAAT/enhancer	Cebpd	regulation of tra	DNA binding	nucleus	---
I	0	steroid sensitive g	Ssg1	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	P2Y12 platelet AD	P2y12	---	7tm_1;rhodop	---	---
I	0	upregulated by 1,	Vdup1	regulation of cel	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	microsomal glutat	Mgst1	---	glutathione tra	mitochond	---
I	0	cellular retinoic ad	Crabp2	transport	transporter ac	cytoplasm	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0,01	Rattus norvegicus	---	---	---	---	---

	0	caveolin 2	Cav2	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	ATP-binding cass	Abca1	---	---	---	---
	0	CD14 antigen	Cd14	inflammatory res	---	lipopolysac	---
	0	Rattus norvegicus	---	---	---	---	---
	0	decorin	Dcn	---	---	extracellula	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	tumor stroma and	Dlm1	---	---	---	---
	0	insulin-like growth	Igfbp2	regulation of cell	insulin-like gro	extracellula	---
	0	BCL2-related prot	Bcl2a1	---	apoptosis reg	---	---
	0	lyn protein non-re	Lyn	protein amino ac	protein kinase	---	---
	0	RT1 class Ib gene	RT1Aw2	MHC_I;immune	---	---	---
	0	R.norvegicus mR	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	synaptogyrin 2	Syngr2	---	---	membrane	---
	0	beta-2 microglobu	B2m	defense respons	MHC class I r	extracellula	---
	0	septin-like protein	Slpa	---	GTP_CDC;G	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	peripherin 1	Prph1	---	---	kinesin cor	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	protease, cysteine	Prsc1	---	3.4.22.34;leg	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	high mobility grou	Hmgb2	regulation of tra	DNA binding	chromatin	---
	0	transmembrane 4	Tm4sf3	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	transforming grow	Tgfr2	protein amino ac	protein kinase	membrane	TGF_Beta
	0	Rattus norvegicus	---	---	---	---	---
	0	---	---	---	---	---	---
	0	benzodiazepin rec	Bzrp	---	receptor activ	extracellula	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	interferon gamma	Ifngr	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	uncoupling protein	Ucp2	transport /// mit	binding	mitochond	Electron_T
	0	caspase-7	Casp7	---	caspase activ	---	Apoptosis
	0	spermidine/sperm	Sat	spermine catabo	diamine N-ac	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---

	0	Rattus norvegicus	---	---	---	---	---
	0	---	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	UDP glycosyltrans	Ugt1a6	---	glucuronosylt	---	Androgen_
	0	leucyl-specific am	Appils	---	Peptidase_M	---	---
	0	fibromodulin	Fmod	---	---	extracellula	---
	0	Rattus norvegicus	---	---	---	---	---
	0	activity and neuro	Ania4	---	---	---	---
	0	cytochrome b558	Cyba	electron transpo	oxidoreductas	membrane	---
	0	non MHC restricte	Nmrk	lymphocyte activ	receptor activ	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	NF-E2-related fac	Nfe2l2	regulation of tra	DNA binding	nucleus	---
	0	moesin	Msn	---	structural mol	cytoskelet	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	dual specificity ph	Dusp6	protein amino ac	protein phosp	---	---
	0	sterol regulatory e	Sreb1	regulation of tra	DNA binding	nucleus ///	---
	0	Rattus norvegicus	---	---	---	---	---
	0	global ischemia in	Gllg15b	---	homeobox;tra	---	---
	0	lysozyme	Lyz	---	3.2.1.17;lysozyls	extrace	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	interferon induced	Ifitm3l	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	inositol polyphosp	Inpp5d	SH2;intracellula	inositol-4,5-bi	---	---
	0	---	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	caspase 11	Casp11	---	caspase activ	---	---
	0	disabled homolog	Dab2	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	RT1 class Ib gene	RT1Aw2	MHC_I;immune	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	pituitary tumor X2	X2cr1	---	---	---	---
	0	calcium- and integ	Sip2-28	---	efhand;calciu	---	---
	0	glia maturation fac	Gmfg	---	cofilin_ADF;a	---	---
	0	---	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---

	0	retinol binding pro	Rbp1	retinoid metabol	transporter ac	---	---
	0	solute carrier fam	Slc2a5	transport /// carb	transporter ac	membrane	---
	0	ZAP 36/annexin I	Anxa4	---	calcium ion bi	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	TIMP;metallo	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	---	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	major vault protein	Mvp	---	---	ribonucleo	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	tumor-associated	TA1	aa_permeases;t	---	---	---
	0	nucleoside phosph	Np	---	phosphorylas	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	---	---	---	---	---	---
	0	FXYD domain-con	Fxyd5	ion transport	ion channel a	membrane	---
	0	procollagen, type	Col1a2	---	extracellular r	extracellular	Inflammat
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	leucyl-specific am	Appils	---	Peptidase_M	---	---
	0	aquaporin 9	Aqp9	transport /// wat	transporter ac	mitochond	---
	0	chemokine (C-C r	Ccl5	chemotaxis /// in	cytokine activ	extracellular	---
	0	collagen, type III,	Col3a1	---	extracellular r	extracellular	Inflammat
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	similar to mannos	MGC72561	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	calcitonin recepto	Calcr1	G-protein couple	receptor activ	extracellular	GPCRs_C
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	hairy and enhanc	Hes1	negative regulat	DNA binding	nucleus	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---

	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	nuclear factor of kappa	Nfkb1a	protein-nucleus	protein binding	nucleus ///	---
	0	CD38 antigen	Cd38	---	NAD+ nucleotide	integral to	---
	0	endothelial type glycoprotein	Cybb	---	Ferric_reductase	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	uterine sensitization	Usag1	embryo implantation	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	adipose differentiation	ADRP	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	thymosin, beta 10	Tmsb10	spermatid development	actin binding	cytoplasm	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	---	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	adipose differentiation	ADRP	---	---	---	---
	0	core promoter element	Copeb	regulation of transcription	DNA binding	nucleus ///	---
	0	syndecan 4	Sdc4	---	cytoskeletal protein	extracellular	---
	0	agrins	Agn	plasma membrane	structural molecule	extracellular	---
	0	nuclear receptor	Mrga10	---	7tm_1;rhodopsin	---	---
	0	cyclin D1	Ccnd1	regulation of cell cycle	cyclin-dependent	nucleus ///	Wnt_Signaling
	0	Rattus norvegicus	---	---	---	---	---
	0	cyclin D1	Ccnd1	regulation of cell cycle	cyclin-dependent	nucleus ///	Wnt_Signaling
	0	procollagen, type I	Col1a2	---	extracellular matrix	extracellular	Inflammatory
	0	Rattus norvegicus	---	---	---	---	---
	0	hemopoietic cell kinase	Hck	protein amino acid	protein kinase	---	---
	0	TAP binding protein	Tapbp	---	---	---	---
	0	inhibitor of apoptosis	Birc2	anti-apoptosis	BIR;apoptosis	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Saccharomyces cerevisiae	Eachy	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---
	0	regulator of G-protein	Rgs10	signal transduction	signal transduction	---	---
	0	purinergic receptor	P2rx7	ion transport ///	receptor activation	integral to	---
	0	brain acidic membrane	Basp1	---	calmodulin binding	membrane	---
	0	secretory carrier	Scamp2	transport ///	intracellular	protein transport	membrane
	0	Rattus norvegicus	---	---	---	---	---
	0	Rattus norvegicus	---	---	---	---	---

I	0	Rattus norvegicus	---	---	---	---	---
I	0	chitinase 3-like 1	Chi3l1	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	ribosomal protein	Rps24	protein biosynth	RNA binding	intracellular	Ribosomal
I	0	Rattus norvegicus	---	---	---	---	---
I	0	ferritin light chain	Ftl1	iron ion transport	binding /// ferr	---	---
I	0	lumican	Lum	---	---	extracellular	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	interleukin 2 receptor	Il2rg	---	interleukin rec	---	---
I	0	interleukin 1 beta	Il1b	regulation of cell	cytokine activ	extracellular	Inflammato
MI	0	aldehyde dehydro	Aldh1a2	metabolism	retinal dehydr	---	---
I	0	cyclin-dependent	Cdkn1c	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	solute carrier fam	Slc21a9	---	OATP_C;tran	---	---
I	0	solute carrier fam	Slc5a5	transport /// sodi	transporter ad	membrane	---
I	0	X transporter prot	Xtrp3	---	SNF;neurotra	---	---
I	0	src family associa	Scap2	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	G protein gamma	Gng5	signal transduct	heterotrimeric	heterotrime	G_Protein
I	0	caspase-8	Casp8	---	caspase activ	---	Apoptosis
I	0	neurotrophic tyros	Ntrk2	protein amino ac	protein kinase	cytosol /// t	---
MI	0,01	Rattus norvegicus	---	---	---	---	---
I	0	---	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	glial fibrillary acid	Gfap	---	structural con	kinesin cor	---
I	0	vesicle-associated	Vamp8	---	---	---	---
I	0	serine (or cysteine	Serpinh1	---	chaperone ad	endoplasm	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	integrin beta 1	Itgb1	cell adhesion ///	receptor activ	integrin co	---
MI	0,01	Rattus norvegicus	---	---	---	---	---

I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	brain and acute le	Baalc	---	---	---	---
I	0	Unknown (protein	MGC72638	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	lysosomal membr	Lamp2	trRNA aminoacyl	trRNA ligase a	extracellula	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	HIV-1 Tat interact	Htatip	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	---	---	---	---	---	---
I	0	calpactin I heavy	Anxa2	---	calcium ion bi	---	---
I	0	plasminogen activ	Plat	proteolysis and	serine-type en	extracellula	Blood_Clo
I	0	neurolysin (metall	Nln	proteolysis and	metalloendop	mitochond	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	activating transcri	Atf5	---	bZIP;DNA bin	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	neuroblastoma, s	Nbl1	negative regulat	---	---	---
I	0	cytochrome P450	Loc266761	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	RT1 class Ib gene	RT1-M3	defense respons	---	extracellula	---
I	0	solute carrier fam	Slc7a7	aa_permeases;t	---	---	---
I	0	calponin 3, acidic	Cnn3	---	actin binding	---	---
I	0	caveolin 2	Cav2	---	---	---	---
I	0	Rattus norvegicus	---	---	A2M_N;endo	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---

I	0	fibrinogen-like 2	Fgl2	---	---	---	Blood_Clo
I	0	Rattus norvegicus	---	---	---	---	---
I	0	guanine nucleotid	Gng12	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	hexokinase 2	Hk2	glycolysis	catalytic activ	membrane	Glycolysis
I	0	putative scaffoldin	LOC306417	---	---	---	---
I	0	immunoglobulin s	Igsf6	---	---	---	---
I	0	RAB13	Rab13	intracellular prot	small monom	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	solute carrier fam	Slc21a9	---	OATP_C;tran	---	---
I	0	Chemokine recep	Cxcr4	neuronal cell rec	7tm_1;rhodop	---	GPCRs_C
I	0	integrin, alpha 6	Itga6	---	---	---	---
I	0	G protein-coupled	Gpr56	GPS;neuropepti	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	ABC_tran;AT	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	protein tyrosine p	Ptpnc	protein amino ac	phosphoprote	extracellul	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	telomerase assoc	Tep1	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	tenascin XA	Tnxa	muscle develop	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0	proteoglycan pep	Pgsg	---	---	---	---
I	0	sulfotransferase f	Sult1a1	steroid metabol	aryl sulfotrans	---	Sulfur met
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	osteomodulin (ost	Omd	---	heparin sulfat	---	---
MI	0,01	Rattus norvegicus	---	---	---	---	---
I	0	brain acidic memb	Basp1	---	calmodulin bi	membrane	---
I	0	solute carrier fam	Slc3a2	---	alpha-amylas	---	---
I	0	procollagen-lysine	Plod	protein metaboli	procollagen-ly	endoplasm	---
MI	0,01	CD36 antigen (co	Cd3612	CD36;cell adhes	---	---	---
I	0	BH3 interacting d	Bid3	apoptosis	protein bindin	---	---
I	0	putative small me	Nid67	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---

I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	lectin_c;suga	---	---
I	0	caveolin 2	Cav2	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0,01	inhibitor of DNA b	Idb4	---	---	---	---
I	0	NAD(P)H dehydro	Nqo1	electron transpo	NAD(P)H dehy	---	Sterol bios
I	0	D site albumin pro	Dbp	regulation of tra	DNA binding	nucleus	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	v-jun sarcoma viru	Jun	regulation of cell	DNA binding	intracellular	---
I	0	GTPase Rab8b	Rab8b	intracellular prot	small monom	---	---
I	0	midkine	Mdk	regulation of cell	growth factor	extracellular	---
I	0	integrin beta 1	Itgb1	cell adhesion ///	receptor activ	integrin co	---
I	0	GTPase Rab8b	Rab8b	intracellular prot	small monom	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	CD36 antigen (co	Cd36l2	---	---	---	---
MI	0,01	Rattus norvegicus	---	---	---	---	---
I	0	clusterin	Clu	spermatogenesis	---	extracellular	---
I	0	thromboxane A sy	Tbxas1	prostaglandin bi	monooxygena	integral to	Eicosanoic
I	0	monokine induced	Mig	---	IL8;chemokin	---	---
I	0	CD86 antigen	Cd86	T-cell proliferati	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	cyclic AMP phosph	Arpp19	dopamine recep	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	basic helix-loop-h	Bhlhb3	regulation of tra	DNA binding	nucleus	---
I	0	tumor necrosis fac	Tnfsf4	T-cell proliferati	TNF;tumor ne	---	---
I	0	v-jun sarcoma viru	Jun	regulation of cell	DNA binding	intracellular	---
I	0	6-phosphofructo-2	Pfkfb3	fructose 2,6-bis	catalytic activ	---	---
I	0	Ser/Thr-like prote	lyk4	---	---	---	---
I	0	phosphoserine an	Psat1	---	---	---	---
I	0	Rat mRNA	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	insulin-like growth	Igf2	regulation of cell	hormone activ	extracellular	---
I	0	nuclear protein 1	Nupr1	---	---	---	---
I	0	xanthine dehydro	Xdh	electron transpo	xanthine dehy	---	---
I	0	sterol regulatory e	Srebf1	regulation of tra	DNA binding	nucleus ///	---
I	0	osteoclast stimula	Ostf1	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---

I	0	Mid-1-related chld	LOC170927	---	---	---	---
MI	0,01	---	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	ras-like protein	Tc10	---	ras;small mor	---	---
I	0	phospholipase A2	Pla2g4a	proteolysis and	subtilase activ	---	---
I	0	myosin regulatory	Mrlcb	---	efhand;calciu	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	lecithin cholesterol	Lcat	lipid metabolism	catalytic activ	extracellular	---
I	0	catechol-O-methyl	Comt	catecholamine m	magnesium id	extracellular	---
I	0	syndecan 2	Sdc2	---	cytoskeletal p	membrane	---
I	0	v-jun sarcoma viru	Jun	regulation of cell	DNA binding	intracellular	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	zinc finger protein	Zfp36	---	nucleic acid b	nucleus	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	lipase A, lysosom	Lipa	lipid catabolism	catalytic activ	lysosome	---
I	0	Kruppel-like facto	Klf15	---	---	---	---
I	0	phospholipase D1	Pld1	intracellular sign	catalytic activ	endoplasm	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	myeloid differentia	Myd88	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	---	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	fatty acid Coenzym	Fac15	fatty acid metab	magnesium id	---	Fatty_Acid
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	retinoblastoma-bi	Rbbp9	---	---	nucleus	---
I	0	peptidylglycine al	Pam	peptide metabol	monooxygena	extracellular	---
I	0	homocysteine-ind	Herpud1	---	---	---	---
I	0	tumor protein p53	Tp53	protein-nucleus	DNA binding	nucleus ///	Apoptosis
I	0	adenosine monop	Ampd3	nucleotide meta	AMP deamina	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	integrin, alpha 6	Itga6	---	---	---	---
I	0	cystathionine beta	Cbs	amino acid meta	cystathionine	cytoplasm	Methionine
I	0	aldehyde oxidase	Aox1	---	aldehyde oxid	---	---

I	0	annexin 1	Anxa1	cell cycle /// sign	calcium ion bi	---	---
I	0	chemokine (C-X3	Cx3cl1	immune respons	cytokine activ	extracellula	---
I	0	disabled homolog	Dab2	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	interferon gamma	Igfbp	---	---	---	---
I	0	geranylgeranyltra	Pggt1b	---	catalytic activ	---	---
I	0	X transporter prot	Xtrp3	---	SNF;neurotra	---	---
I	0	retinoid-inducible	Risc	proteolysis and	catalytic activ	---	---
I	0	fibronectin 1	Fn1	acute-phase res	cell adhesion	extracellula	Inflammat
I	0	Rattus norvegicus	---	---	---	---	---
I	0	four and a half LIM	Fhl2	regulation of tra	protein bindin	nucleus	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	receptor (calciton	Ramp3	transport /// G-p	receptor activ	extracellula	---
I	0	epoxide hydrolase	Ephx1	proteolysis and	catalytic activ	extracellula	---
I	0	implantation-asso	IAG2	---	---	---	---
MI	0,01	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	FLN29 gene prod	Fln29	---	---	---	---
I	0	period homolog 3	Per3	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	differentiation-ass	Dnpi	neurotransmitter	L-glutamate t	early endo	---
I	0	tudor repeat asso	Pctaire2bp	---	---	---	---
I	0	protein S	Pros1	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0	tudor repeat asso	Pctaire2bp	---	---	---	---
I	0	Kruppel-like facto	Klf4	---	double-strand	---	---
I	0	crystallin, alpha C	Cryac	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---

I	0	solute carrier fam	Slc15a2	transport /// olig	transporter ac	membrane	---
I	0	calcium binding p	S100a6	---	S_100;calciu	---	---
I	0	vacuolar proton-A	Atp6k	---	---	---	---
I	0	chemokine (C-X-C	Cxcl12	chemotaxis /// in	cytokine activ	extracellula	---
I	0	rap7a	Rap7a	---	---	---	---
I	0	myeloid differentia	Myd116	---	---	---	---
I	0	sodium channel b	Scnb3	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	ribonuclease L (2'	Rnase1	---	---	---	---
I	0	chloride intracellu	Clic4	ion transport ///	ion channel a	mitochond	---
I	0	collagen, type 1, a	Col1a1	cell adhesion	extracellular r	extracellula	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	eukaryotic transla	Eif2ak3	---	pkinase;prote	---	Translation
I	0	cyclin D2	Ccnd2	regulation of cel	---	nucleus	Cell_cycle
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	TIMP;metallo	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	protein kinase, lys	Prkwnk1	---	pkinase;prote	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	glutathione peroxi	Gpx1	response to reac	peroxidase ac	mitochond	---
I	0	dodecenoyl-coenz	Dci	fatty acid metab	catalytic activ	mitochond	Mitochond
I	0	CD63 antigen	Cd63	---	---	lysosome /	---
I	0	alpha-2-macroglo	A2m	acute-phase res	endopeptidas	extracellula	---
MI	0,01	Rbs11 protein	Rbs11	---	G-protein cou	---	GPCRs_C
I	0	potassium channe	Kcnk2	---	potassium ch	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	zinc finger protein	Zfp191	---	---	---	---

I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	eukaryotic transla	Eif4ebp1	---	---	---	---
I	0	glutathione S-tran	Gstp2	glutathione conj	glutathione tra	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	ATX1 (antioxidant	Atox1	response to oxid	HMA;metal io	---	---
I	0	diacylglycerol O-a	Dgat2	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	sulfatase FP	LOC171396	---	3.1.6.14;N-ac	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	adenosine deamin	Adar	RNA processing	RNA binding	intracellula	---
I	0	Wiskott-Aldrich sy	Waspip	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Inhibitor of DNA bld1	---	negative regulat	DNA binding	nucleus	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	vesicle-associated	1G5	---	pkinese;prote	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	TIMP;metallo	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	fibrinogen-like 2	Fgl2	---	---	---	Blood_Clo
I	0	asparagine synthe	Asns	asparagine bios	asparagine sy	---	Alanine-As
MI	0,01	20-alpha-hydroxy	LOC171516	---	1.1.1.149;20-	---	C21-Steroi
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	acetyl-Coenzyme	Acadl	electron transpo	acyl-CoA deh	extracellula	Fatty_Acid
I	0	fucosidase, alpha	Fuca	---	alpha-L-fucos	---	---
I	0	Rgc32 protein	Rgc32	---	---	---	---
I	0	adenosine deamin	Adar	RNA processing	RNA binding	intracellula	---

I	0	fatty acid binding	Fabp5	transport	transporter ac	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Unknown (protein	MGC72616	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0,01	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	SH3-domain kinas	Sh3kbp1	---	---	nucleus ///	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	guanine nucleotid	Gnai3	signal transduct	signal transdu	---	G_Protein
I	0	solute carrier fam	Slc12a4	transport /// ion	transporter ac	membrane	---
I	0	transporter 2, ATP	Tap2	transport /// olig	nucleotide bir	extracellula	---
I	0	cathepsin L	Ctsl	proteolysis and	cysteine-type	extracellula	---
I	0	nicotinamide nucl	Nnt	electron transpo	NAD(P)+ tran	mitochond	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	RAS protein-spec	Rasgrf2	intracellular sign	guanyl-nucleo	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0	Unknown (protein	MGC72598	---	---	---	---
I	0	CD38 antigen	Cd38	---	NAD+ nucleo	integral to	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	---	---	---	---	---	---
I	0	3-phosphoglycera	Phgdh	L-serine biosynt	phosphoglyce	---	---
I	0	secretogranin 2	Scg2	---	calcium ion bi	extracellula	---
I	0	Ras-related GTP-	Rab29	---	ras;small mor	---	---
I	0	ceruloplasmin	Cp	iron ion homeos	ferroxidase ac	extracellula	---
I	0	syntaxin 4	Stx4a	neurotransmitter	protein transp	kinasin cor	---
I	0	syndecan 2	Sdc2	---	cytoskeletal p	membrane	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Chemokine recep	Cxcr4	neuronal cell rec	7tm_1;rhodop	---	GPCRs_C
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---

I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	cysteine-rich prote	Crip2	---	---	---	---
I	0	prolyl 4-hydroxyla	P4hb	electron transpo	protein disulfid	extracellula	---
I	0	cyclin G1	Ccng1	regulation of cell	cyclin-depend	nucleus	---
MI	0,01	placental growth f	Pgf	---	PDGF;growth	---	---
I	0	implantation-asso	LAG2	---	---	---	---
I	0	tight junction prote	Tjp2	---	---	tight junctio	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0,01	---	---	---	---	---	---
I	0	myosin VIIA and P	Myrip	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	aquaporin 4	Aqp4	transport /// wat	transporter ad	mitochond	---
I	0	cysteine and glyci	Csrp1	actin cytoskelet	protein bindin	nucleus ///	---
MI	0,01	expressed in non-	Nme6	GTP biosynthes	nucleoside-di	extracellula	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	calpastatin	Cast	protein catabolis	cysteine prote	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	LYRIC	Lytic	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	prostaglandin F2	Ptgfrn	negative regulat	protein bindin	integral to	---
I	0	retinal pigment ep	Rpe65	---	---	---	---
I	0	transforming grow	Tgfr1	protein amino ac	protein kinase	membrane	TGF_Beta
I	0	ornithine decarbo	Odc1	polyamine biosy	catalytic activ	---	---
I	0	galactosidase, be	Glb1	carbohydrate m	beta-galactos	extracellula	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0,01	Rattus norvegicus	---	---	---	---	---
I	0	sphingosine-1-ph	Spgl1	---	pyridoxal_de	---	---
I	0	---	---	---	---	---	---

I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	interferon-related	Ifrd1	neurogenesis	---	nucleus	---
I	0	ceroid-lipofuscino	Cln2	---	serine-type en	lysosome	---
I	0	myeloid cell leuke	Mcl1	---	Bcl-2;apoptos	---	---
I	0	platelet derived gr	Pdgfra	protein amino ac	protein kinase	extracellula	---
I	0	nidogen (entactin	Nid	cell adhesion ///	cell adhesion	extracellula	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0	phosphoribosyl py	Prps2	nucleoside met	magnesium id	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	---	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	---	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	di-N-acetylchitob	Ctbs	carbohydrate m	catalytic activ	lysosome	---
I	0	cytochrome P450	Cyp1b1	electron transpo	monooxygena	extracellula	---
I	0	Rattus norvegicus	---	---	3.6.1.5;apyr	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	hexosaminidase A	Hexa	carbohydrate m	beta-N-acetyl	lysosome	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	step II splicing fac	Slu7	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Fc receptor, IgG,	Fcgrt	immune respons	receptor activ	extracellula	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0,01	Rattus norvegicus	---	---	---	---	---

I	0	histone deacetylase	Hdac1	---	---	---	---
I	0	cathepsin D	Ctsd	proteolysis and	aspartic-type	lysosome	---
I	0	carbonic anhydrase	Ca4	one-carbon com	carbonate de	membrane	---
MI	0,01	synaptorin	LOC66030	---	---	MARVEL; r	---
I	0	---	---	---	---	---	---
MI	0	serine (or cysteine)	Serpine2	---	serine-type en	extracellula	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	IGFBP; insulin	---	---
I	0	RAP1B, member	Rap1b	---	ras; small mor	---	---
I	0	mannose-binding	Masp1	complement act	serine-type pe	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	connective tissue	Ctgf	angiogenesis ///	heparin bindin	---	---
I	0	ectonucleotide py	Enpp2	nucleotide meta	nucleic acid b	integral to	---
I	0	nuclear factor kappa	Nfkb1	regulation of tra	DNA binding	nucleus ///	Apoptosis
I	0	Rattus norvegicus	---	---	---	---	---
I	0	gap junction mem	Gja1	cell communicat	gap-junction f	gap junction	Gap_Junct
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Wiskott-Aldrich sy	Waspip	---	---	---	---
I	0	folate receptor 1 (Folr1	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	ribosomal protein	Rps2	protein biosynth	structural con	intracellula	---
I	0	solute carrier fam	Slc13a3	---	Na_sulph_sy	---	---
I	0	regulator of G-pro	Rgs2	negative regulat	RGS; signal tr	---	---
I	0	small inducible cy	Scya4	---	IL8; chemokin	---	---
I	0	ribonucleoprotein	Hnrpf	---	rm; nucleic ac	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0,01	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	vesicle-associated	Vamp5	---	---	---	---
I	0	gap junction prote	Gjb6	apoptosis /// cell	connexin; con	---	---

I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0,01	Rattus norvegicus	---	---	FA_desaturas	---	---
I	0	homolog of mouse Qki	---	---	---	---	---
I	0	Unknown (protein MGC72614	---	---	---	---	---
I	0	ribosomal protein Rps5	protein biosynth	structural con	intracellula	---	---
MI	0,01	aldehyde dehydro Aldh2	metabolism	aldehyde deh	mitochond	---	---
I	0	carbonyl reductas LOC266686	---	adh_short;oxi	---	---	---
I	0	laminin, gamma 1 Lamc1	---	---	extracellula	Inflammatc	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0,01	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	guanine nucleotid Gng10	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	aquaporin 1 Aqp1	transport /// wat	transporter ac	extracellula	---	---
I	0	HRAS like suppre Hrasls3	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Unknown (protein MGC73002	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0	Rattus norvegicus	---	---	---	---	---
MI	0,01	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	reversion induced Ril	intracellular sign	---	---	---	---
I	0	cytochrome P450 CYP4F6	p450;electron tr	1.14.15.3;alka	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---

MI	0,01	LYRIC	Lyric	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	serum/glucocortic	Sgk	protein amino ac	protein kinase	---	---
I	0	NEFA precursor	Nucb2	---	efhand;calciu	Golgi medi	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	neuron-associated	Nadrin	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0,01	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	annexin A7	Anxa7	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	myeloid cell leuke	Mcl1	---	Bcl-2;apoptos	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	ribonuclease L (2'	Rnasel	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	transferrin;fer	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Unknown (protein	MGC73017	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	annexin 5	Anxa5	blood coagulat	calcium ion bi	---	---
I	0	adenosine A2B re	Adora2b	G-protein couple	rhodopsin-like	integral to	GPCRs_C
I	0	stromal cell derive	Sdf4	---	calcium ion bi	Golgi appa	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	guanine nucleotid	Gng12	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---

I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	ribosomal protein	Rps27	---	Ribosomal_S	---	---
I	0	guanine nucleotid	Gna12	signal transduct	G-protein-cou	heterotrime	G_Protein
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	transforming grow	Tgfb2	regulation of cel	transforming g	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	core promoter ele	Copeb	regulation of tra	DNA binding	nucleus ///	---
I	0	folate hydrolase	Folh1	proteolysis and	catalytic activ	integral to	---
I	0	aldehyde dehydro	Aldh9a1	aldehyde metab	aldehyde deh	cytosol	---
I	0	ZAP 36/annexin I	Anxa4	---	calcium ion bi	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	coronin, actin-bind	Coro1b	---	actin binding	kinesin cor	---
I	0	integral membran	Tmp21	transport /// intra	protein carrier	Golgi appa	---
I	0	acidic ribosomal p	Arbp	---	Ribosomal_L	---	Ribosomal
I	0	nucleoporin p54	Nup54	---	---	nuclear po	---
I	0	cyclase-associate	Cap1	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	interleukin 6 signa	Il6st	---	receptor activ	membrane	---
MI	0,01	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0	Rattus norvegicus	---	---	---	---	---
I	0	cleavage and poly	Cpsf4	---	---	---	---
I	0	ribosomal protein	Rpl29	protein biosynth	structural con	intracellula	Ribosomal
I	0	ribosomal protein	Rps12	protein biosynth	structural con	intracellula	Ribosomal
I	0	cathepsin B	Ctsb	proteolysis and	cysteine-type	lysosome /	---
I	0	glucuronidase, be	Gusb	carbohydrate m	hydrolase act	lysosome	---
I	0	ferredoxin 1	Fdx1	electron transpo	electron trans	extracellula	---

I	0	growth arrest and	Gadd45a	protein biosynth	structural con	ribosome	Cell_cycle
I	0	solute carrier fam	Slc25a10	---	mito_carr;bin	---	---
I	0	cystatin B	Cstb	---	cysteine prote	---	---
I	0	Rat mRNA	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0,01	Rattus norvegicus	---	---	---	---	---
I	0	5 nucleotidase	Nt5	nucleotide catal	5'-nucleotidas	extracellula	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	solute carrier fam	Slc6a13	transport /// neu	neurotransmit	integral to	---
I	0	septin 2	02. Sep	---	GTP_CDC;G	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	L-3-hydroxyacyl-C	Hadhsc	---	1.1.1.35;3-hy	---	Fatty_Acid
I	0	Rattus norvegicus	---	---	---	---	---
MI	0,01	Rattus norvegicus	---	---	---	---	---
MI	0	phosphatidylinosi	Pik3r1	intracellular sign	protein bindin	phosphoin	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0	Rattus norvegicus	---	---	---	---	---
I	0	Rat mRNA	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	mannosidase, alp	Man2c1	carbohydrate m	alpha-mannos	endoplasm	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	proline arginine-ri	Prelp	---	---	extracellula	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	pre-B-cell colony-	Pbef	cell cycle	---	nucleus ///	---
I	0	Rattus norvegicus	---	---	TIMP;metallo	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0,01	2,4-dienoyl CoA r	Decr1	metabolism	2,4-dienoyl-C	mitochond	Fatty_Acid
I	0	acid phosphatase	Acp2	synaptic transm	acid phosphal	lysosome /	---
I	0	Mg87 protein	Mg87	---	---	---	---
I	0	von Hippel-Lindau	Vhl	regulation of tra	transcription f	nucleus ///	---
I	0	monoamine oxida	Maob	Amino_oxidase;	1.4.3.4;amine	---	---
I	0	septin 2	02. Sep	---	GTP_CDC;G	---	---
I	0	thyroid hormone-r	AF348365	---	---	---	---
I	0	f-spondin	Sponf	---	---	---	---
I	0	transforming grow	Tgfb1i1	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---

I	0	Rattus norvegicus	---	---	---	---	---
MI	0,01	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0,01	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	transmembrane p	Tmeff1	---	serine-type en	---	---
I	0	reticulocalbin	Rcn	---	calcium ion bi	endoplasm	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0	Rattus norvegicus	---	---	---	---	---
I	0	hydroxyacyl-Coen	Hadhb	fatty acid metab	acetyl-CoA C	mitochond	Fatty_Acid
I	0	Rattus norvegicus	---	---	---	---	---
I	0	poly(A) binding pr	Pabpc1	---	mRNA bindin	---	---
I	0	cytochrome P450	Cyp2J3	p450;electron tr	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	CD9 antigen	Cd9	---	protein bindin	cell surface	---
I	0	hypertrophic agon	harpB64	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0,01	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0,01	apurinic/apyrimidi	Apex1	DNA repair	pyrimidine-sp	nucleus	---
I	0	phosphoribosylan	Paics	purine nucleotid	catalytic activ	phosphorit	---
MI	0,01	protein kinase C-ε	Prkch	protein amino ac	protein kinase	---	G_Protein
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	integrin, alpha 6	Itga6	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	guanidinoacetate	Gamt	creatine biosynt	methyltransfe	---	---
I	0	Transferrin	Tf	transport /// iron	ferric iron bind	extracellula	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0,01	Rattus norvegicus	---	---	---	---	---
MI	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0,01	Rattus norvegicus	---	---	---	---	---
I	0	nuclear receptor α	Ncoa3	regulation of tra	histone acety	nucleus	---

I	0	Rattus norvegicus	---	---	---	---	---
I	0	heat-responsive p	Hrsp12	---	---	---	---
I	0	5-aminoimidazole	Atic	---	MGS;catalytic	---	---
I	0	tropomyosin isofo	LOC286890	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0	pincher	Ehd4	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	coronin, actin bind	Coro1a	---	---	---	---
I	0	protein disulfide is	P5	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0,01	Rattus norvegicus	---	---	---	---	---
MI	0,01	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	CUG triplet repea	Cugbp2	mRNA splice sit	pre-mRNA sp	nucleus	---
I	0	---	---	---	---	---	---
MI	0,01	Rattus norvegicus	---	---	---	---	---
I	0	laminin receptor 1	Lamr1	protein biosynth	structural con	intracellular	Ribosomal
I	0	signal sequence r	Ssr4	---	receptor activ	endoplasm	---
MI	0,01	neurotensin recep	Ntsr2	G-protein couple	rhodopsin-like	integral to	GPCRs_C
I	0	ribosomal protein	Rpl22	protein biosynth	RNA binding	intracellular	Ribosomal
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0,01	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	ADP-ribosylation	Arf4	intracellular prot	small monom	Golgi appa	---
I	0	cyclin-dependent	Cdk4	regulation of cell	protein kinase	---	Cell_cycle
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	eyes absent 2 hor	Eya2	---	---	---	---
I	0	enoyl coenzyme A	Ech1	fatty acid metab	catalytic activ	mitochond	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	ribosomal protein	Rpl15	protein biosynth	RNA binding	intracellular	Ribosomal
I	0	complement comp	C1qbp	---	---	mitochond	---
MI	0,01	matrix Gla protein	Mgp	---	calcium ion bi	extracellular	---
I	0	ribosomal protein	Rps26	protein biosynth	RNA binding	intracellular	Ribosomal
I	0	drebrin-like	Dbnl	---	cofilin_ADF;a	---	---
I	0	Rattus norvegicus	---	---	---	---	---

I	0	caldesmon 1	Cald1	muscle contract	actin binding	---	---
MI	0,01	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	N-myristoyltransfe	Nmt1	---	2.3.1.97;glycy	---	---
I	0	flavin containing r	Fmo1	electron transpo	monooxygena	extracellula	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0,01	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0,01	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	eukaryotic transla	Eef1a1	protein biosynth	DNA binding	cytoplasm	Translation
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	RNA binding prote	Hub	---	RNA binding	---	---
I	0	translation elonga	Eef1d	---	---	---	Translation
I	0	Rattus norvegicus	---	---	---	---	---
I	0	CDK105 protein	Cdk105	---	Ribosomal_S	---	---
MI	0,01	ribosomal protein	Rps6	protein biosynth	RNA binding	intracellula	Ribosomal
I	0	ribosomal protein	Rpl10a	protein biosynth	structural con	intracellula	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0,01	Rattus norvegicus	---	---	---	---	---
I	0	---	---	---	---	---	---
I	0	laminin receptor 1	Lamr1	protein biosynth	structural con	intracellula	Ribosomal
MI	0,01	ribosomal protein	Rps25	protein biosynth	RNA binding	cytosolic s	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	tissue factor pathw	Tfpi	blood coagulatid	serine-type en	extracellula	---
I	0	glutamate dehydr	Glud1	amino acid meta	glutamate del	mitochond	Glutamate
I	0	Rattus norvegicus	---	---	rrm;nucleic ac	---	---
I	0	parathyroid hormo	Pthr1	skeletal develop	receptor activ	membrane	GPCRs_C
MI	0,01	Rattus norvegicus	---	---	---	---	---
I	0	Unknown (protein	MGC72598	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	LIM motif-contain	Limk2	protein amino ac	protein kinase	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	ribosomal protein	Rps2	protein biosynth	structural con	intracellula	---
I	0	lysosomal-associ	Laptm4a	---	---	---	---

I	0	Rattus norvegicus	---	---	---	---	---
I	0	transthyretin	Ttr	thyroid hormone	carrier activity	extracellular	---
I	0	Rattus norvegicus	---	---	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0,01	notch gene homo	Notch2	cell fate determi	---	---	---
I	0	Rattus norvegicus	---	---	---	---	---
MI	0	Rattus norvegicus	---	---	---	---	---
MI	0,01	Rattus norvegicus	---	---	---	---	---

D	1	Rattus norvegicus	---	---	---	---	---
MD	0,99	early growth resp	Egr4	regulation of tra	DNA binding	nucleus	---
D	1	Kit ligand	Kitl	---	---	---	---
D	1	neuroligin 3	Nlgn3	cell adhesion	catalytic activ	membrane	---
MD	0,99	---	---	---	---	---	---
D	1	prepro bone induc	Gdf10	regulation of oss	cytokine activ	---	---
D	1	nuclear receptor s	Nr4a2	regulation of tra	DNA binding	nucleus	Nuclear_R
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	SH3-binding kinas	Sbk	---	pkinase;prote	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	transient receptor	Trpc3	regulation of tra	DNA binding	membrane	---
D	1	transcription facto	Hes3	regulation of tra	DNA binding	nucleus	---
D	1	protein kinase C,	Prkcc	protein amino ac	protein kinase	---	G_Protein
D	1	ATPase, Ca++ tra	Atp2a3	cation transport	magnesium id	endoplasm	---
D	1	solute carrier fam	Slc1a6	transport /// dica	sodium:dicarb	membrane	---
D	1	ATPase, Ca++ tra	Atp2a3	cation transport	magnesium id	endoplasm	---
MD	0,99	Rattus norvegicus	---	---	---	---	---
D	1	calbindin 1	Calb1	---	calcium ion bi	---	---
D	1	glycoprotein Ib (p	Gp1bb	---	GTP_CDC;G	---	---
D	1	nuclear receptor s	Nr4a2	regulation of tra	DNA binding	nucleus	Nuclear_R
D	1	Rattus norvegicus	---	---	---	---	---
D	1	serine/threonine k	Stk17b	programmed ce	protein serine	nucleus	---
D	1	cadherin 22	Cdh22	cell adhesion ///	cell adhesion	membrane	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	interphotorecepto	Impg1	---	---	---	---
D	1	cytochrome P450	Cyp26b1	p450;electron tra	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Kit ligand	Kitl	---	---	---	---
D	1	G substrate	Gsbs	---	---	---	---
MD	1	Rattus norvegicus	---	---	---	---	---
D	1	glutamate recepto	Gria1	transport /// ion	receptor activ	membrane	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	MAWD binding pr	Mawbp	---	PhzC-PhzF;c	---	---
D	1	homer, neuronal i	Homer3	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---

D	1	synaptotagmin 7	Syt7	transport	transporter ac	synaptic ve	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	---	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	noggin	Nog	skeletal develop	---	extracellular	TGF_Beta
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	calbindin 1	Calb1	---	calcium ion bi	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	insulin-like growth	Igfbp5	regulation of cell	insulin-like gr	extracellular	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	regulator of G-pro	Rgs8	signal transduct	signal transdu	---	---
D	1	inositol 1,4,5-triph	Itp1	ion transport ///	receptor activ	endoplasm	Calcium_C
D	1	Rattus norvegicus	---	---	---	---	---
D	1	calcium channel,	Cacna1g	transport /// ion	ion channel a	membrane	---
D	1	DEXRAS1 (Dexra	Rasd1	nitric oxide med	RAS small m	---	---
D	1	Kit ligand	Kitl	---	---	---	---
D	1	cholinergic recept	Chrn2	transport /// ion	ion channel a	membrane	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	---	---	---	---	---	---
D	1	Kit ligand	Kitl	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	protein tyrosine p	Ptprr	protein amino ac	phosphoprote	integral to	---
MD	0,99	Rattus norvegicus	---	---	---	---	---
D	1	inositol 1,4,5-triph	Itpka	---	calmodulin bi	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	serine/threonine k	Stk17b	programmed ce	protein serine	nucleus	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	glutamate recept	Grid2	transport /// ion	receptor activ	membrane	---
D	1	proline rich synap	Shank2	PDZ;intracellula	---	---	---
D	1	potassium large c	Kcnma1	---	calcium-activa	---	---
D	1	---	---	---	---	---	---
D	1	ATPase, Ca++ tra	Atp2b2	cation transport	magnesium id	plasma me	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	---	---	---	---	---	---
D	1	c-fos oncogene	c-fos	---	---	---	---

D	1	Rattus norvegicus	---	---	---	---	---
D	1	nexilin	LOC246172	---	---	---	---
D	1	isoprenylcysteine	lcmt	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	nuclear receptor s	Nr4a3	transcription /// r	DNA binding	nucleus	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	calcium channel, v	Cacna1a	ion transport ///	ion channel a	voltage-ga	Calcium_C
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	insulin-like growth	Igfbp5	regulation of cell	insulin-like gr	extracellu	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	---	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
MD	0,99	fibroblast growth f	Fgf12	cell-cell signaling	growth factor	---	---
D	1	---	---	---	---	---	---
D	1	tripartite motif pro	Trim9	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	---	---	---	---	---	---
D	1	transcription facto	Tcf4	regulation of tra	DNA binding	nucleus	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	immediate early g	Nr4a1	regulation of tra	DNA binding	nucleus	Nuclear_R
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	glutamate decarb	Gad1	amino acid meta	glutamate dec	---	Alanine-As
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	potassium voltage	Kcnc3	transport /// ion	ion channel a	voltage-ga	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	protein phosphata	Ppp2r2c	signal transduct	protein phosph	protein ph	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Purkinje cell prote	Pcp4	---	calcium ion bi	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	calsequestrin 2	Casq2	---	calcium ion bi	---	---

D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	beta-spectrin 3	Spnb3	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	proprotein conver	Pcsk2	proteolysis and	serine-type en	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	G protein-coupled	Gpr51	G-protein couple	G-protein cou	kinesin cor	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	complexin 2	Cplx2	neurotransmitter	SNARE binding	---	---
D	1	phosphodiesterase	Pde5a	signal transduct	catalytic activ	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
MD	0,99	Rattus norvegicus	---	---	---	---	---
D	1	protein kinase C- β	Nell1	cell adhesion	structural mol	---	---
D	1	brain-specific ang	Baiap2	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	brain specific mR	Bsmrb	---	---	Golgi appa	---
D	1	discs, large (Dros	Dlg2	intracellular sign	---	---	---
D	1	MYB binding prot	Mybbp1a	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	cytochrome P450	Cyp51	electron transpo	trypsin activity	extracellula	---
D	1	thymus cell antigen	Thy1	---	---	extracellula	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	neurofilament, he	Nefh	---	---	kinesin cor	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	---	---	---	---	---	---
D	1	protein tyrosine ph	Ptprd	transmembrane	protein-tyrosin	plasma me	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	---	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	kinesin family mem	Kif3c	microtubule-bas	motor activity	kinesin cor	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	calcium/calmodulin	Camk4	protein amino ac	protein kinase	---	---
D	1	glutamate receptor	Grm2	G-protein couple	G-protein cou	membrane	---

D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	microtubule-associ	Mapt	microtubule-bas	---	cytoskelet	---
D	1	serine/threonine k	Stk17b	programmed ce	protein serine	nucleus	---
D	1	v-crk-associated t	Crkas	cell adhesion	cell adhesion	---	---
D	1	mannoside acetyl	Mgat3	N-linked glycosy	beta-1,4-man	Golgi appa	---
D	1	neurofilament, lig	Nfl	---	---	---	---
D	1	parvalbumin	Pva	muscle develop	calcium ion b	axon	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	nuclear factor, int	Nfil3	---	transcription f	---	---
D	1	ATPase, Na+/K+	Atp1a3	cation transport	magnesium id	membrane	---
D	1	septin 3	03. Sep	---	GTP_CDC;G	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	---	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	---	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
MD	0,99	ion transporter pro	Nritp	---	---	---	---
D	1	rapostlin	Rnd2	neurogenesis	Rho small mo	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	---	---	---	---	---	---
D	1	guanine nucleotid	Gnao	---	G-alpha;signa	---	G_Protein
D	1	c-kit receptor tyro	Kit	---	receptor tyros	---	---
D	1	glutamate recept	Grm1	G-protein couple	G-protein cou	membrane	GPCRs_C
D	1	Rattus norvegicus	---	---	---	---	---
D	1	lunatic fringe gene	Lfng	development	transferase a	Golgi appa	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Wnt inhibitory fac	Wif1	---	WIF;protein-ty	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	phospholipase C,	Plcb4	lipid metabolism	phosphoinosi	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
MD	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---

D	1	G protein-coupled	Gpr51	G-protein couple	G-protein cou	kinesin cor	---
D	1	amiloride-sensitiv	Accn2	ion transport ///	ion channel a	membrane	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	insulin-like growth	Igfbp5	regulation of cell	insulin-like gro	extracellul	---
D	1	calcium/calmoduli	Camk2b	protein amino ac	protein kinase	calcium/ca	---
D	1	growth response	LOC64194	---	---	---	---
D	1	crystallin, mu	Crym	---	structural con	---	---
D	1	amiloride-sensitiv	Accn1	transport /// ion	ion channel a	membrane	---
D	1	calcium channel,	Cacng2	---	voltage-gated	PMP22_Cl	---
D	1	phosphatidylinosi	Pi4KII	---	PI3_PI4_kina	---	---
D	1	neurofilament, lig	Nfl	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
MD	0,99	Rattus norvegicus	---	---	---	---	---
D	1	---	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	glutamate recepto	Grm4	G-protein couple	G-protein cou	membrane	---
D	1	A kinase (PRKA)	Akap6	---	---	---	---
D	1	PSD-95/SAP90-a	DAP-3	GKAP;cell-cell s	---	---	---
D	1	potassium channe	Kchip4	---	efhand;calciu	---	---
D	1	cAMP-regulated	Ggef2	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	pleckstrin homolo	Pscd3	---	---	kinesin cor	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	diacylglycerol kin	Dgkz	protein kinase C	diacylglycerol	nucleus	---
D	1	brain-specific ang	Baiap2	---	---	---	---
D	1	---	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	neuronal pentraxi	Nptxr	---	receptor activ	integral to	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	glutamate recepto	Grm1	G-protein couple	G-protein cou	membrane	GPCRs_C
D	1	Rattus norvegicus	---	---	---	---	---
D	1	microtubule-assoc	Map1b	microtubule-bas	actin binding	microtubul	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	p21 (CDKN1A)-ac	Pak1	protein amino ac	protein kinase	cytosol	---
D	1	pleckstrin homolo	Pscd3	---	---	kinesin cor	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	regulator of G-pro	Rgs4	signal transduct	signal transdu	cytoplasm	---

D	1	sperm associated	Spag5	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Nogo-66 receptor	Ngrh2	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	thymus cell antigen	Thy1	---	---	extracellular	---
D	1	synuclein, beta	Sncb	---	---	cytoplasm	---
D	1	neural zinc finger	Nzf3	---	zf-C2HC;trans	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	MYB binding protein	Mybbp1a	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	presynaptic cytoplasmic	Pclo	cytoskeleton org	protein binding	synapse	---
D	1	PIPPin protein	Pippin	regulation of tra	DNA binding	nucleus	---
D	1	SV2 related protein	Svop	---	sugar_tr;trans	---	---
MD	0,99	Rattus norvegicus	---	---	---	---	---
D	1	potassium channel	Kcnk3	transport /// ion	ion channel a	extracellular	---
MD	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	SH3/ankyrin domain	Shank3	---	---	---	---
D	1	preproenkephalin	Penk-rs	Opioids_neurope	---	---	---
D	1	regulator of G-protein	Rgs4	signal transduct	signal transdu	cytoplasm	---
D	1	synaptic vesicle glycoprotein	Sv2a	neurotransmitter	transporter ac	integral to	---
D	1	kinesin family member	Kif3c	microtubule-bas	motor activity	kinesin com	---
D	1	calyculin 3	Cstn3	---	cadherin;calc	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	muscle glycogen phosphorylase	Pygm	carbohydrate m	catalytic activ	---	Glycogen_
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
MD	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	solute carrier family 12 member 3	Slc1a3	transport /// dic	sodium:dicar	membrane	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	---	---	---	---	---	---
D	1	neural visinin-like protein 3	NVP-3	---	efhand;calciu	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	---	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	---	---	---	---	---	---

D	1	---	---	---	---	---	---
D	1	leucine zipper pro	Luzp1	---	---	nucleus	---
D	1	guanine nucleotid	Gnai1	signal transduct	signal transdu	---	G_Protein
D	1	Rattus norvegicus	---	---	---	---	---
D	1	---	---	---	---	---	---
D	1	beta-4N-acetylgal	Galgt1	---	acetylgalactos	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	BMP/retinoic acid	LOC140610	---	---	---	---
D	1	Munc13-3	Unc13h3	DAG_PE-bind;ir	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	sideroflexin 5	Sfxn5	---	Mtc;cation tra	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	dynein, cytoplasm	Dncic1	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
MD	0,99	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	3-hydroxy-3-meth	Hmgcs1	acetyl-CoA meta	hydroxymethy	---	---
D	1	MAP-kinase phos	Cpg21	---	MAP kinase p	---	---
D	1	protein kinase C a	Pacsin1	endocytosis /// s	protein bindin	cytoplasm	---
D	1	RAS guanyl relea	Rasgrp1	intracellular sign	guanyl-nucleo	---	---
D	1	ATPase, Ca++ tra	Atp2a2	cation transport	magnesium id	membrane	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	LIM homeobox pr	Lhx1	regulation of tra	DNA binding	nucleus	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	potassium channe	Kcnk12	transport /// ion	ion channel a	membrane	---
D	1	cannabinoid rece	Cnr1	G-protein coupler	rhodopsin-like	integral to	GPCRs_C
D	1	---	---	---	---	---	---
D	1	solute carrier fam	Slc9a3r2	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	---	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	solute carrier fam	Slc20a1	---	PHO4;inorgan	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	neuronal potassi	Kv8.1	---	potassium ch	---	---
D	1	synaptotagmin XI	Syt12	transport	transporter ac	synaptic ve	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	sideroflexin 5	Sfxn5	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	potassium voltage	Kcna1	---	K_tetra;voltage	---	---
D	1	camello-like 3	Cml3	---	---	---	---

D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	frequenin homolog	Freq	cell communication	calcium ion binding	Golgi apparatus	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	---	---	---	---	---	---
D	1	cytochrome P450	Cyp51	electron transport	trypsin activity	extracellular	---
D	1	potassium voltage	Kcnd2	ion transport	ion channel activity	extracellular	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	calsyntenin 3	Cstn3	---	---	---	---
D	1	---	---	---	---	---	---
D	1	sulfotransferase family	Sult4a1	steroid metabolism	sulfotransferase	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
MD	0,99	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	isoprenylcysteine	lcmt	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	glutamate decarboxylase	Gad1	amino acid metabolism	glutamate decarboxylase	---	Alanine-Aspartate
D	1	ATPase, Ca++ transporting	Atp2b2	cation transport	magnesium ion	plasma membrane	---
D	1	ATPase, Ca++ transporting	Atp2a2	cation transport	magnesium ion	membrane	---
D	1	---	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
MD	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	solute carrier family	Slc17a7	---	sugar transport	---	---
D	1	contactin associated	Cntnap1	cell adhesion	cell adhesion	integral to	---
D	1	stearoyl-Coenzyme	Scd1	---	FA desaturase	---	Fatty Acid

D	1	dihydropyrimidina	Dpys4	---	hydrolase act	---	---
D	1	SH3 domain prote	Sh3d2a	---	---	---	---
D	1	neural visinin-like	NVP-3	---	efhand;calciu	---	---
MD	0,99	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	RhoGEF glutama	Gtrap48	PDZ;intracellula	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	potassium voltage	Kcnd2	ion transport ///	ion channel a	extracellula	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	---	---	---	---	---	---
D	1	aldolase C, fructo	Aldoc	glycolysis	fructose-bisph	---	Glycolysis
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	glutamate decarb	Gad2	amino acid meta	glutamate dec	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
MD	0,99	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	cartilage oligomer	Comp	cell adhesion	cell adhesion	extracellula	---
D	1	pre-alpha-inhibito	PAIHC3	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
MD	0,99	secreted acidic cy	Sparc	---	calcium ion bi	extracellula	---
D	1	tuberous sclerosis	Tsc2	signal transduct	GTPase activ	nucleus	---
D	1	neurotrimin	RNU16845	---	cell adhesion	---	---
D	1	GTP-binding prote	Ragb	---	GTP binding /	---	---
D	1	MCF.2 cell line de	Mcf2l	intracellular sign	guanyl-nucleo	---	---
D	1	solute carrier fam	Slc21a14	transport ///	ion t	transporter ad	membrane
D	1	malate dehydroge	Mdh1	---	malate dehyd	---	Glycolysis
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
MD	0,99	BCL2/adenovirus	Bnip1	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	protocadherin gar	Pcdhgc3	spermatogenesi	cell adhesion	---	---
D	1	cytochrome P450	Cyp26b1	p450;electron tr	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---

D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	selenoprotein W, Sepw1	---	---	selenium bind	---	---
D	1	synaptotagmin 3 Syt3	---	---	---	integral to	---
D	1	glycoprotein m6b Gpm6b	---	---	---	---	---
MD	0,99	neurotensin recep Ntsr2	---	G-protein couple	rhodopsin-like	integral to	GPCRs_C
D	1	protein tyrosine p Ptpnd	---	transmembrane	protein-tyrosin	plasma me	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	---	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
MD	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Munc13-3 Unc13h3	---	---	---	---	---
D	1	inositol polyphosp Inpp4a	---	polyphosphate	diphosphatidyl	---	---
D	1	calcium activated Kcnmb4	---	---	CaKB;calcium	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	creatine kinase, m Ckmt1	---	phosphocreatine	creatine kinase	extracellula	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	presynaptic cytom Pclo	---	cytoskeleton org	protein binding	synapse	---
D	1	synapsin 2 Syn2	---	neurotransmitter	---	synaptic ve	---
D	1	RAB3A, member Rab3a	---	transport /// intra	GTPase activ	intracellula	---
D	1	testicular dynamir LOC171574	---	---	dynamirin;GTP	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	phosphatidylinosin Pi4KII	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
MD	0,99	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	---	---	---	---	---	---
MD	0,99	Rattus norvegicus	---	---	---	---	---
D	1	chemokine (C-X-C) Cxcl12	---	chemotaxis /// in	cytokine activ	extracellula	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
MD	0,99	---	---	---	---	---	---
D	1	synaptotagmin 7 Syt7	---	transport	transporter ac	synaptic ve	---
MD	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	ATP-binding cass Abcd2	---	---	ABC_tran;AT	---	---
D	1	sodium channel, v Scn2a1	---	sodium ion trans	voltage-gated	voltage-ga	---
D	1	ATPase, Na+/K+ Atp1b2	---	potassium ion tr	cell adhesion	sodium/po	---
D	1	Rho interacting pr Rhoip3	---	---	---	kinesin cor	---

D	1	adrenergic recept	Adra2c	G-protein couple	rhodopsin-like	integral to	GPCRs_C
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
MD	0,99	---	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	RP58 protein	Rp58	---	BTB;protein b	---	---
D	1	ATPase, Ca++ tra	Atp2b3	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	---	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	glutaminase	Gls	glutamine metal	glutaminase am	mitochond	---
D	1	apoptosis antagon	Ded	---	transcription f	---	---
D	1	tripartite motif pro	Trim3	---	zinc ion bindin	intracellula	---
D	1	sialyltransferase 5	Siat5	protein amino ac	sialyltransfera	Golgi appa	---
D	1	potassium inward	Kcnj12	ion transport ///	ion channel a	membrane	---
D	1	potassium voltage	Kcnab1	ion transport ///	ion channel a	cytoplasm	---
D	1	phosphatidylinosit	Pik4ca	---	PI3Ka;inosito	---	---
D	1	PCTAIRE-1 prote	Pctk1	---	pkinase;prote	---	---
D	1	myelin-associated	Mobp	neurogenesis	structural con	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	potassium inward	Kcnj16	ion transport ///	ion channel a	integral to	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	---	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
MD	0,99	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	vesicular inhibitor	Viaat	transport /// neu	amino acid-p	membrane	---
D	1	adrenergic recept	Adrbk1	protein amino ac	protein kinase	---	---
MD	1	Rattus norvegicus	---	---	---	---	---

D	1	Rattus norvegicus	---	---	---	---	---
D	1	fatty acid desaturase 1	Fads1	fatty acid desaturase 1	---	---	---
MD	0,99	low density lipoprotein receptor	Lrp3	---	low-density lipoprotein receptor	---	---
D	1	microtubule-associated protein 2	Mtap2	---	---	---	MAPK_Ca
D	1	gamma-aminobutyric acid transporter 3	Gabrb3	transport // ion channel	GABA-A receptor	integral to membrane	---
D	1	amyotrophic lateral sclerosis 2	Als2cr3	regulation of transcription	receptor binding	nucleus //	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	solute carrier family 16 member 6	Slc16a6	---	---	---	---
D	1	chimerin (chimerin)	Chn2	intracellular signaling	phorbol ester	membrane	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	tripartite motif protein 9	Trim9	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	neuropeptide Y	Npy	neuropeptide signaling	G-protein-coupled	extracellular	---
MD	0,99	potassium inward rectifier channel subfamily J member 11	Kcnj11	ion transport // ion channel	ion channel	integral to membrane	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	solute carrier family 16 member 6	Slc16a6	---	---	---	---
D	1	spectrin beta 2	Spnb2	---	---	---	---
D	1	synaptic vesicle protein 2c	Sv2c	synaptic vesicle	---	synaptic vesicle	---
D	1	---	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	triosephosphate isomerase 1	Tpi1	gluconeogenesis	triose-phosphate	---	Fatty_Acid
D	1	neurofilament 3, medium chain	Nef3	---	---	kinesin core	---
D	1	potassium voltage-gated channel subfamily C member 1	Kcnc1	transport // ion channel	ion channel	integral to membrane	---
D	1	chimerin (chimerin)	Chn2	intracellular signaling	phorbol ester	membrane	---
D	1	calpain 10	Capn10	---	calpain activity	nucleus //	---
D	1	MAP-kinase activator 1	Madd	---	---	---	---
D	1	potassium channel subfamily D member 1	Slack	---	ion_trans;ion	---	---
D	1	---	---	---	---	---	---
D	1	protein kinase C, gamma	Prkcz	protein amino acid	protein kinase	---	G_Protein
D	1	vesicle-associated membrane protein 1	Vamp1	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	glycoprotein Ib (platelet)	Gp1bb	---	GTP_CDC;G	---	---
D	1	neurogenic differentiation 2	Neurod2	regulation of transcription	DNA binding	nucleus	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
MD	0,99	Rattus norvegicus	---	---	---	---	---

D	1	Rattus norvegicus	---	---	---	---	---
D	1	secreted acidic cy	Sparc	---	calcium ion b	extracellula	---
D	1	guanine nucleotid	Gnb1	signal transduct	heterotrimeric	heterotrimeric	G_Protein
D	1	Cbp/p300-interact	Cited4	---	---	---	---
D	1	brain acyl-CoA hy	Bach	---	catalytic activ	cytosol	---
D	1	myomegalin	LOC64183	---	---	---	---
D	1	protein phosphata	Ppp1r1b	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	c-kit receptor tyros	Kit	---	receptor tyros	---	---
D	1	Pyruvate carboxyl	Pc	gluconeogenesis	catalytic activ	cytoplasm	Alanine-As
D	1	leukemia/lymphom	Lrf	regulation of ost	transcriptional	nucleus	---
D	1	internexin, alpha	Inexa	---	---	kinesin cor	---
D	1	megakaryocyte-as	Matk	protein amino ac	protein kinase	---	---
D	1	cytochrome c oxid	Cox8a	---	---	---	---
D	1	collagen, type XV	Col18a1	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	potassium channel	Kcnk15	transport /// ion	ion channel a	membrane	---
D	1	---	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	gamma-aminobut	Gabbr1	---	metabotropic	---	GPCRs_C
D	1	potassium voltage	Kcnab3	ion transport ///	ion channel a	cytoplasm	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	cytochrome c oxid	Cox5a	electron transpo	cytochrome-c	mitochond	Electron_T
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	---	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
MD	0,99	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	NADH dehydroge	Ndufa5	---	NADH dehyd	mitochond	---
D	1	tyrosine 3-monoo	Ywhah	intracellular prot	protein doma	---	---
D	1	glutaminase	Gls	glutamine metal	glutaminase a	mitochond	---
D	1	erythrocyte protei	Epb4.113	---	---	Band_41;c	---
D	1	glutamate recept	Gria4	transport /// ion	receptor activ	extracellula	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---

D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	ATPase Na ⁺ /K ⁺ t	Atp1b1	response to hyp	sodium/potas	membrane	---
D	1	glutathione S-tran	Gstm1	glutathione conj	glutathione tra	---	---
D	1	Rattus norvegicus	---	---	---	---	---
MD	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	corticotropin relea	Crhr1	G-protein couple	G-protein cou	extracellula	GPCRs_C
D	1	Rattus norvegicus	---	---	---	---	---
D	1	nuclear factor I/B	Nfib	DNA replication	DNA binding	intracellula	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	vesicle-associated	Vamp1	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Shank1	Shank1	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
MD	0,99	Rattus norvegicus	---	---	---	---	---
D	1	FK506 binding pro	Fkbp4	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
MD	1	Rattus norvegicus	---	---	---	---	---
D	1	syntaxin binding p	Stxbp1	intracellular prot	protein bindin	---	---
D	1	cysteine string pro	Csp	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	N-ethylmaleimide	Nsf	---	cdc48_N;ATP	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	---	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	myomegalin	LOC64183	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	---	---	---	---	---	---
D	1	cytochrome c oxid	Cox7a3	electron transpo	cytochrome-c	mitochond	Electron_T
D	1	somatostatin	Sst	regulation of cell	hormone activ	extracellula	---
D	1	glutamate recepto	Grin1	transport /// ion	magnesium id	extracellula	---
D	1	---	---	---	---	---	---
D	1	vesicle-associated	Vamp2	---	---	kinesin cor	---

D	1	myelin-associated	Mobp	neurogenesis	structural con	---	---
D	1	activator of G-pro	Ags3	---	---	---	---
D	1	adaptor-related pr	Ap2b1	---	transporter ac	secretory v	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
MD	0,99	Rattus norvegicus	---	---	---	---	---
D	1	peroxisomal prote	LOC260327	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
MD	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
MD	0,99	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	---	---	---	---	---	---
MD	0,99	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	fatty acid synthas	Fasn	fatty acid biosyn	catalytic activ	---	Fatty_Acid
D	1	prominin	Prom	glucose homeos	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
MD	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
MD	0,99	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	squalene epoxida	Sqle	electron transpo	monooxygena	integral to	Cholesterc
D	1	N-myc downstrea	Ndr2	signal transduct	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
MD	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	sodium channel, v	Scn1b	ion transport	ion channel a	integral to	---
D	1	secretory granule	Sgne1	neuropeptide sig	---	---	---
D	1	dynamamin 1	Dnm1	endocytosis /// n	motor activity	---	---
D	1	solute carrier fam	Slc4a4	sodium ion trans	inorganic anid	integral to	---
D	1	diabetes-associat	Dapit	---	---	---	---
MD	0,99	Rattus norvegicus	---	---	---	---	---
MD	0,99	adenylate cyclase	Adcy5	cAMP biosynthe	magnesium id	integral to	G_Protein
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---

MD	0,99	CL1BA protein	CL1BA	---	Gal_Lectin;su	---	---
D	1	erythrocyte protein	Epb4.113	---	---	Band_41;c	---
MD	0,99	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	activator of G-protein	Ags3	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	potassium channel	Kcnk3	transport /// ion	ion channel a	extracellula	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	statin-like	Stnl	---	GTP_EFTU;tr	---	Translation
MD	1	erythrocyte protein	Epb4.111	---	---	Band_41;c	---
D	1	Epsin 1	Epn1	endocytosis	---	---	---
D	1	cadherin EGF LA	Celsr2	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
MD	1	pyruvate dehydrogenase	Pdk2	acetyl-CoA biosynthesis	[pyruvate dehydrogenase	mitochondrial	Krebs-TCA
D	1	vitamin A-deficient	Vad	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	glyceraldehyde-3-phosphate dehydrogenase	Gapd	glycolysis	glyceraldehyde-3-phosphate	---	Glycolysis
D	1	neurexophilin 3	Nxph3	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	ATP synthase, H ⁺ -driven	Atp5g3	ATP-synt_C;proton	---	---	Electron_T
D	1	calcyon protein	Calcyon	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
MD	0,99	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---

D	1	Rattus norvegicus	---	---	---	---	---
MD	1	small nuclear ribo	Snrpn	mRNA splicing	RNA binding	nucleus ///	---
D	1	RAB6, member R	Rab6	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	glycine receptor, b	Glr3	transport /// ion t	receptor activ	extracellula	---
D	1	lanC (bacterial lar	LanC1	G-protein couple	G-protein cou	integral to	---
D	1	reelin	Reln	cell adhesion ///	serine-type en	---	---
D	1	lifeguard	Lfg	central nervous	---	---	---
MD	0,99	Rattus norvegicus	---	---	---	---	---
MD	0,99	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	orphan transporte	Ntt73	transport /// neu	neurotransmit	integral to	---
D	1	peroxiredoxin 2	Prdx2	---	peroxidase ac	---	---
D	1	corticotropin relea	Crhr1	G-protein couple	G-protein cou	extracellula	GPCRs_C
D	1	Rattus norvegicus	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
MD	0,99	Rattus norvegicus	---	---	---	---	---
MD	1	chimerin (chimaer	Chn2	intracellular sign	phorbol ester	membrane	---
MD	0,99	Rattus norvegicus	---	---	---	---	---
D	1	---	---	---	---	---	---
D	1	Rattus norvegicus	---	---	---	---	---
D	1	---	---	---	---	---	---