



# Late endosome

GeneNames	LQIntensityA1	LQIntensityA2	LQIntensityB1	LQIntensityB2	LQIntensityC1	LQIntensityC2	LQIntensityE1	LQIntensityD2	LQIntensityD1	LQIntensityE2	LQIntensityF1	LQIntensityF2
Tor1	0	4029900	2606800	4617600	0	2863600	0	0	0	0	3486400	3396600
Wdr18	2164600	1874500	2549000	0	2140200	2125600	2006800	0	1670200	1560700	1502000	1544600
Au1c1	8705000	9064100	10646000	11174000	8279400	9118600	6497800	3233300	7441200	9881900	7333900	9535900
H1d	1878400	2725300	3379700	8626500	0	1776900	3765700	0	5249500	4563700	3376700	2942400
Rac1	3794900	2465800	0	3749600	4309800	0	4068700	4255400	4751700	4196100	3676500	2479700
GacphGm7293	1406900000	1725500000	984950000	1229900000	1140300000	1211200000	947800000	887680000	1390900000	1269300000	1161700000	936530000
Siam1	2183800	2454000	6332000	1743000	13396000	11874000	14520000	15039000	21147000	21866000	8531000	11225000
Lamer1	1363800	0	0	4132100	1656500	1754500	1383000	0	1324900	1432200	1423300	1544800
Amef5	2756100	8271000	2999200	6118900	2761400	9638300	3070200	4309800	5859900	6302400	2366600	3358500
Cmpc4b	5806300	8093500	3182800	9463300	526700	9790200	5263300	7749800	14771000	13246000	3084800	5507500
Mcp3	2465500	4425300	2267900	4330700	4189000	4189000	1797400	3297300	4607600	4864200	2111200	0
Gm	0	2406500	2286600	2428200	2889700	2198400	3097400	2413800	0	2283900	0	0
Der1	2186100	2649900	2749100	2174600	2927900	2324700	3468600	2704800	2096800	2777900	3464000	2957600
Vtd	0	2018700	1949600	2293800	1664600	2523400	2184200	2410500	2188000	2977000	0	2138700
	1499668700	1798025700	1028258900	1303367200	1185176200	1265357100	998836000	933091900	1461960600	1343865000	1202456300	983423700

# Lysosome

GeneNames	LF0ntensivA1	LF0ntensivA2	LF0ntensivB1	LF0ntensivB2	LF0ntensivC1	LF0ntensivC2	LF0ntensivE1	LF0ntensivD2	LF0ntensivG1	LF0ntensivE2	LF0ntensivF1	LF0ntensivF2
Lmbr1	0	0	171900	589230	1971100	376400	1801100	1801100	1507000	2399000	2288800	2217000
Ncl1	1362600	4094400	5476600	4275500	3954600	4902100	4583600	1801100	1507000	2399000	2288800	4163100
Ndc11	5453800	10310000	7803800	6594800	6282600	6944000	6393600	1163200	3143600	3516300	8012600	3751800
Samar1	4578700	2034400	4425400	2768800	3208200	2224200	3023700	1683300	2819800	2599100	3399100	1278100
Taf7	4629000	3954000	3707800	3073900	3373900	2880000	2944800	3292600	3734400	3468000	3304100	3304100
Bk	3998800	3558900	3414000	3073900	2802500	2879000	2813000	2119100	1725200	1977000	3609700	2478700
Gcmh	8067800	6326700	1068200	1387600	1210600	11729000	5012000	5012000	2814700	3814700	7815200	5294900
Hic	33722000	30718000	14241000	20766000	23666000	25671000	25260000	25260000	21986000	22396000	34444000	34444000
Sh3g1.Sh3g2	1410000	2072000	1065000	2225300	0	0	7225200	0	0	0	1082100	0
Oral	0	0	0	0	0	0	2863600	0	0	0	0	3499000
Foa9	2691400	0	1381800	0	0	0	0	0	0	0	0	1020900
Atad6c	5023000	7807100	6949700	11104000	6822100	10209000	5138400	6289000	6100400	6907600	6888500	5157900
Th13	3257900	1883800	2438800	3111900	2695800	2096500	1847400	0	1849000	1199600	3038000	1762500
Hc-D1	24747000	17105000	19372000	19946000	17628000	13387000	17812000	19249000	13244000	96132000	22830000	13340000
Hc-1	10720000	10951000	14549000	12649000	12649000	12649000	14659000	17862000	17844000	17844000	11352000	11352000
Arg6.Wal	2223200	1782200	2532000	1944900	2829200	2348600	2646400	2325700	2084000	0	3899000	2384400
Ctcf	3253100	3194400	3492900	3892900	3591000	3707000	3894900	2867100	2084000	2013100	4466700	1367700
H2_K1	3311000	3128000	2981500	3215300	2417400	2901000	3568700	2572100	2645800	2668300	3532100	3476100
Gta	0	18360	0	0	0	0	18360	0	5636	0	0	0
Pp1m1	0	254400	2104800	3043100	2042600	3232500	3119200	0	0	2042800	1746100	2966300
Sctf1	3763600	345600	404900	2958700	5264600	4644800	5211000	4057800	3538800	3344300	3447300	3414400
Dmcl1	2059600	2086100	220800	2289000	2289000	2498700	2417100	2497700	1521800	245400	2376300	3046900
Me15448	1097700	407700	3139500	540430	642700	70530	2149600	156770	38930	386720	227970	1657000
Rps31	1276600	0	0	0	0	0	1872700	0	1991000	1872700	0	1725200
Nes1	7007600	3820800	5285900	7624900	7624900	3789300	5285900	9662900	1801800	2232400	1379100	1171700
Nirman	6575500	3844400	9848900	4261600	5464800	4166900	4745200	5318800	2148900	2222500	1052000	4486800
Tm6m4	1469900	1812800	1586800	1931200	1548700	1586600	1602000	2201900	1598900	0	1529300	0
Aocbr	1406300	3749000	1895500	6167200	0	3285500	1385700	0	1769100	3196900	1735500	3076000
Ar1	1376900	3453800	1603700	2737800	1405100	0	0	0	1035300	0	0	1088900
Smag23	0	0	0	1619100	1519500	0	1550500	0	0	0	0	0
Ar5	3451400	3100700	0	3257200	0	0	2387000	2845700	0	2882500	0	0
Gbl1	1213400	2198700	1020000	3627700	1505100	1778200	694110	0	0	570420	1705500	640000
Trcr	4373900	2568800	3208800	4512200	2921600	2365200	1417500	3169300	1895200	2198200	2198200	2529200
Raf5	0	0	0	840200	0	0	0	0	67846	86104	0	0
Tmed5	0	1362200	0	5279600	803560	1929250	0	0	0	0	0	0
Ar6	0	333360	977390	0	0	688230	0	0	0	398280	0	0
Gba	3174100	4659500	3984400	7737000	2884400	5693300	1985600	0	1177000	1708300	3873300	1113400
Haa1	4232900	3552700	3370700	4522800	4522800	4522800	4522800	4522800	5319300	4522800	4522800	4522800
At1b1	8705000	9061000	10046000	11174000	8279400	9118600	6497800	3233300	7441200	9881900	7333900	9533900
Actr1b	1191300	1434300	1485500	3895900	1323300	1579700	0	80340	1218600	1113900	0	0
Arp1	4143000	0	7134800	0	0	3746000	0	0	4318900	4318900	4318900	4318900
Gabarran.Gabarran1	0	0	0	1012100	0	1083100	0	0	758200	0	0	0
Dromas.Soromeda	1466100	1207300	1504100	1494500	1176600	1176600	0	1079500	1182700	1182700	1332200	1258900
So47	1337900	1477400	963370	1742700	970590	94310	1617600	970540	79750	966310	971300	837360
Rps12	899700	859400	0	2239900	859400	859400	751440	1035400	1035400	1035400	1035400	1035400
Smf	2653500	1868500	2292300	2986300	1986300	1597800	0	2142400	1857800	2142400	1723400	2090900
Tnax	4412600	975270	387210	1066500	557790	1216700	465700	0	26540	355570	0	0
Rps14	794260	107440	0	596620	596620	596620	596620	596620	522820	1135900	924500	672400
Coc2	3098800	3098800	1803400	1697600	1697600	3042700	0	1357200	304400	304400	0	1129400
Coc1a	2434400	2434400	2434400	2434400	2434400	2434400	2434400	2434400	2434400	2434400	2434400	2434400
Prl1	0	632000	4313300	7404500	4248200	3979600	3325400	2942200	4255700	5901200	0	3763500
Dm1	3896600	3156000	4598500	3276400	2653300	1890000	2399100	1890000	2426000	4216000	3268900	0
Armed	17048000	10782000	18782000	33178200	17486000	22660000	15486000	12690000	20575000	25607000	12840000	18840000
Osbe	9318300	1104600	969400	2152400	1077100	1132200	0	0	1159700	0	0	0
Rps17	272100	4750400	6059400	4750400	4750400	4750400	1748900	4750400	4750400	3789600	1964300	3397400
Rhos	1780900	5543800	1586100	1046000	2046000	4176200	1642700	2524500	2756700	3097600	2922500	2148800
Pp2a.Rps2a	2556100	2556100	2556100	2556100	2556100	2556100	2556100	2556100	2556100	2556100	2556100	2556100
Out1	5271100	4607200	4635600	7184300	3453700	3866100	2329600	2420900	3893900	5517100	2699900	2876700
Plk	8632300	1268900	3632400	1538900	790600	9282100	2717500	2433300	761200	1042800	498100	325300
Lamr1	1363800	0	0	4123100	1636200	1713200	0	0	4786200	1562300	1542800	1449000
Ube23	7468800	1385400	5629700	1591800	7733700	9686100	4833800	4237000	8077100	7265300	6456700	4267300
Smag3	1367300	1367300	1367300	1367300	1367300	1367300	1367300	1367300	1367300	1367300	1367300	1367300
Smag111004F10k	0	347300	0	6294400	0	2745000	0	0	3704100	2926400	4417300	0
Haf2	2167300	1434000	1313300	2205000	2205000	2361800	1944600	1456000	2051800	2051800	1931600	1882600
Raf5	0	0	0	1789300	0	0	0	0	0	0	0	0
Vav3	0	0	1507800	0	1457000	1367000	0	0	1233000	0	0	0
Raf185	2573700	2156000	2224900	2224900	2462300	2059700	2059700	2126600	2126600	2341400	2139000	0
Ar6.Wal	9216000	7944700	6313200	9465100	10217000	8639900	7043400	7978500	731280	6432500	9535000	6796000
Taf15	1838900	1838900	1838900	1838900	1838900	1838900	1838900	1838900	1838900	1838900	1838900	1838900
Clm1	7429900	10153000	6341000	10858000	9370000	11464000	5932000	6944500	7558700	5774400	4900600	4900600
Arf6	4166100	2768400	2287200	4276600	3911000	3632300	1786800	1331700	2630700	2004200	4729700	1466100
Coc1A	4817000	4817000	4817000	4817000	4817000	4817000	4817000	4817000	4817000	4817000	4817000	4817000
Coc1B	0	2432000	1650100	2575700	1715100	2014000	1969600	1269600	1798600	1745400	1758800	1758800
Coc2	6426900	6426900	6426900	6426900	6426900	6426900	6426900	6426900	6426900	6426900	6426900	6426900
Hc1	0	0	1284300	994400	1213900	0	0	0	989450	935460	1125100	0
Smag2	0	0	0	2711800	0	0	0	0	4236900	4236900	4236900	2086700
Raf53p1	1288900	52700	1377300	1163800	0	1375100	0	0	1281000	1211800	1077400	0
Ac2	1458700	1881800	1541200	1425900	1563800	1542000	1474500	1011400	1474600	1447200	0	1450200
Haf2b1	4972300	4972300	4972300	4972300	4972300	4972300	4972300	4972300	4972300	4972300	4972300	4972300
Ube1	2699300	2699300	2699300	2699300	2699300	2699300	2699300	2699300	2699300	2699300	2699300	2699300
Ppk42a	845430	845430	845430	845430	845430	845430	845430	845430	845430	845430	845430	845430
Rps18	262990	0	234960	0	589500	0	0	339530	314550	330060	0	330190
Spk2	2418900	3255200	932880	2676500	1085700	2411200	0	2411200	2579000	0	2737700	0
Raf5	839930	939660	938280	1085700	737910	1121200	0	0	0	901060	884970	0
Orn4	1443500	2192800	0	1930700	1490900	961340	1843600	2221500	2469800	538200	1226100	1784200
Hc1D	301970</											

# Mitochondria

GeneNames	LQqIntensityA1	LQqIntensityA2	LQqIntensityB1	LQqIntensityB2	LQqIntensityC1	LQqIntensityC2	LQqIntensityE1	LQqIntensityE2	LQqIntensityG1	LQqIntensityG2	LQqIntensityH1	LQqIntensityH2	LQqIntensityI1	LQqIntensityI2
Bac1	4812000	4983200	8871900	7047500	6354600	6067400	4981200	0	2748600	4661800	5419200	5483200	4819200	5483200
Bac2	2817900	2958800	2939900	4915800	1131600	1811800	1811800	0	1232900	1915400	3021200	3121700	1811800	3021200
GlU1	607190	522220	529850	543850	754850	424990	424950	0	27380	27380	0	879500	334470	879500
Lac1	1454200	1454200	1454200	1454200	1454200	1454200	1454200	0	1718100	1718100	1718100	1718100	1718100	1718100
Lop1	4916500	4627700	4740300	4091100	4386400	4378900	4082400	3984300	3163000	3572200	4231000	4047500	3294800	4047500
Myl10	1811900	1811900	1811900	1811900	1811900	1811900	1811900	0	1811900	1811900	1811900	1811900	1811900	1811900
Mz2	1317500	1317500	1317500	1317500	1317500	1317500	1317500	0	1164400	1164400	1164400	1164400	1164400	1164400
Mz3	1145600	1145600	1145600	1145600	1145600	1145600	1145600	0	682500	682500	682500	682500	682500	682500
Pcd1	2041400	2967000	4077600	2574200	2129200	1928300	3126000	0	1646000	2968000	2146100	3708200	1216100	3708200
Pfn2	3188100	4313400	3997900	9439900	3525200	5068800	2059600	0	2725200	2063200	4241900	2366300	4241900	2366300
Rcep1	789830	789830	789830	789830	789830	789830	789830	0	4090700	4090700	4090700	4090700	4090700	4090700
Targ1	4029900	2896800	2896800	4617600	0	2956800	0	0	0	0	3486400	1399500	3486400	1399500
Acta8b	5428900	5428900	5428900	5428900	5428900	5428900	5428900	0	2430600	3230000	3440000	2993900	2430600	3440000
Aox2	2766600	2228800	1895300	0	2281300	1786200	1309900	0	1434600	1228900	2791900	1753500	1434600	1228900
Gm1	1050900	1050900	1050900	1166500	1050900	1050900	1050900	0	780400	1310200	1310200	1310200	780400	1310200
Polr1c1	0	2554400	2042600	3941300	2042600	3325500	3139200	0	2042600	2042600	1146100	2962300	2042600	1146100
Conc1	2318200	2318200	2318200	2318200	2318200	2318200	2318200	0	1529600	1529600	1529600	1529600	1529600	1529600
Dou10	3927600	5024100	6567100	6413900	6413900	5392300	5954400	0	6654200	3678300	5082200	4762000	6654200	3678300
Kctd1	388740	4268500	5148400	4268500	4268500	4268500	4268500	0	4268500	4268500	4268500	4268500	4268500	4268500
Mys1	1899800	1899800	1899800	1899800	1899800	1899800	1899800	0	1140100	1876300	1867900	3001200	1140100	3001200
Nfs1a10	2358700	2358700	2358700	2358700	2358700	2358700	2358700	0	2358700	2358700	2358700	2358700	2358700	2358700
Trim14c	99960	2333000	1104400	2466500	1219200	1378800	943800	0	1401300	423800	2693100	0	1401300	423800
Uzq3	1846700	1846700	1846700	3571700	2439200	2427700	2920000	0	3408600	2398400	2593500	2364000	3408600	2593500
Ac3	2320200	2149700	3977700	1991200	1991200	2404300	1912900	0	1912900	2017700	2510900	1172900	1912900	2017700
Kat3	1312800	1409300	0	4116600	0	1392300	1069100	0	675300	985400	991790	1188300	675300	985400
Xbh	4282300	2785200	4510200	4644900	2888400	3713300	1454500	0	3700300	2237000	1835900	3270100	3700300	1835900
Fcn	0	5149500	4644900	7009800	3578100	1649900	3871900	0	3102600	1499900	3509400	1074000	3102600	1499900
Gol1	1213400	2189700	1030000	3677700	1505100	1778200	604110	0	0	570420	1705500	640000	0	1705500
Ctcf4	29660	333580	453930	345170	453930	453930	453930	0	0	0	0	0	0	453930
Nd	999950	0	2020300	1895500	0	1412600	0	0	0	0	0	0	0	1412600
Mctb	0	0	0	1887000	1887000	1887000	1887000	0	1489900	1669100	1627300	1613400	0	1627300
Mcor	1836800	155000	0	3234400	0	3234400	0	0	0	0	0	0	0	3234400
Myc10b	871630	1371000	117000	197500	1699900	99800	0	0	0	0	0	0	0	99800
Nsc	198700	1848900	0	5672000	1689300	1788500	0	0	0	0	0	0	0	1788500
Trim17a	212300	313100	0	289100	256400	0	211400	0	2273900	0	2087100	0	0	211400
Ctsp1	2094800	4112900	2123700	197500	256400	1899400	211400	0	1529300	1582500	3724600	1981400	2123700	1582500
Ctsp1	2157900	6650100	1897700	1823300	5425300	1823300	1792900	0	1529300	1582500	3724600	1981400	2157900	1582500
Wsl1	2778000	2778000	2778000	2778000	2778000	2778000	2778000	0	181917000	19944000	19944000	11775000	2778000	19944000
Dd1	983200	1142900	1446300	1164300	9015400	1046600	7497700	0	9272300	1168300	1168300	1168300	9272300	1168300
Rnm1	3896900	3125600	4506300	2952000	2952000	2952000	2952000	0	2952000	4218000	3209900	8161300	2952000	4218000
Par1	2728100	548800	4190200	698800	961400	1748300	4784400	0	4881200	3798000	1964300	3397700	4881200	3798000
Myl4	1974900	1974900	1974900	1974900	1974900	1974900	1974900	0	1974900	1974900	1974900	1974900	1974900	1974900
Nme1	5033200	853730	4915500	957490	4682700	3347700	4433300	0	4279900	738200	5097300	3643700	4433300	738200
Myp10	964800	1384400	552700	1591800	7733700	988100	4633800	4237000	8977100	7263300	6465700	4267300	8977100	7263300
Wdr11	764800	1802400	683750	1062300	8089300	1128000	9784800	1899100	9784800	9784800	581900	4198100	9784800	9784800
Spr	2322400	4814200	0	555800	3114100	4145200	2475000	0	4344000	479900	2989500	5228100	4344000	479900
Ac3c	0	76310	0	721010	863170	0	762420	0	74310	0	627100	86350	0	74310
Myc10d	1898900	2271000	2227700	4262700	2436000	2436000	2436000	0	2436000	2512100	2621700	5311700	2436000	2621700
Ctcf	809770	81380	86290	72390	84870	470050	0	0	1023400	72380	197610	11500	0	72380
Csrf1	1495900	1495900	1495900	1495900	1495900	1495900	1495900	0	1495900	1495900	1495900	1495900	1495900	1495900
Kcfs1	918500	1489300	1093700	1543900	1317600	1749000	1049700	0	1119600	1257900	1454100	1454100	1119600	1257900
Ctcf	676700	676700	676700	676700	676700	676700	676700	0	7304500	676700	676700	676700	676700	676700
Dmrs3a	148000	118230	134190	127050	155480	127050	1787100	103680	1371900	137000	149300	139600	148000	1371900
Csf	3901000	243000	1160400	299600	173700	1160400	1160400	0	123100	1384900	2516600	33000	1160400	1384900
Gc4f	0	1274800	1149300	1898200	1898200	1898200	1898200	0	921580	1018900	89860	90979	1898200	1018900
Myl11b1	233300	233300	233300	233300	233300	233300	233300	0	233300	233300	233300	233300	233300	233300
Irf3g	5387100	8454100	4699900	6947100	7764700	7851000	3663500	4131300	601400	4789100	8932800	4658300	4131300	8932800
Mym10d	7359900	1135600	6759900	6759900	6759900	6759900	6759900	0	4027000	8457000	8012100	6552000	4027000	8457000
Myl46	967250	2014100	1283600	1898500	894250	1446600	1446600	0	935860	1503100	1503100	1503600	935860	1503100
Rn1	3087000	3071000	2711400	2979000	3155000	2962400	2718900	2216500	2676000	2498000	2911000	2589000	2711400	2498000
Srs	752000	620200	5294100	5294100	5294100	5294100	5294100	0	2108400	697800	7887500	3855900	5294100	697800
Rn1c	5989300	6489900	5622900	6271300	7624000	6323900	5995700	4732900	6322000	5699100	6313300	5288700	5995700	6322000
Rn1c	329930	80960	80960	80960	80960	80960	80960	0	80960	80960	80960	80960	80960	80960
Tdm	232080	283320	254450	280550	0	287800	2499200	0	262900	231860	227700	227700	2499200	231860
Rn1c1	2002000	1162000	1768400	299600	1851500	1851500	1851500	0	1851500	3589600	2411000	2411000	1851500	3589600
Ac3c	4539300	3539300	3539300	3038800	4806000	3038800	4539300	0	4539300	4718900	3444400	4611900	4539300	4718900
Nfe	298400	298400	298400	298400	298400	298400	298400	0	298400	298400	298400	298400	298400	298400
H1f	1878400	2732500	3379300	6658500	0	1778900	3757500	0	5234500	4563700	3378700	2904200	3757500	4563700
Rn1c	298400	298400	298400	298400	298400	298400	298400	0	298400	298400	298400	298400	298400	298400
Myl40	313730	392230	304470	656220	405620	427790	517110	88300	88300	93470	30369	51909	88300	93470
Kcfs1	4687700	4264800	4264800	4713400	6008300	5997700	6814400	8128000	6148000	7128000	5404000	5404000	8128000	6148000
Fsl1	0	269770	0	194500	261100	341500	341500	0	3216200	281400	2996300	3181900	0	3216200
NK1	0	1276300	0	1124700	0	89800	1445400	0	1224100	2718800	2246200	2431600	0	2718800
Rn1c2	2831300	2831300	3361300	2876900	2876900	2221200	4749600	2108400	3381300	3381300	22			

# Phagsome

Gene names	LF01renstvA1	LF01renstvA2	LF01renstvB1	LF01renstvB2	LF01renstvC1	LF01renstvC2	LF01renstvD1	LF01renstvD2	LF01renstvE1	LF01renstvE2	LF01renstvF1	LF01renstvF2
Em29A14180	287990	201790	373990	185440	242460	203000	281450	138100	232050	265120	305970	295930
Lmbr1	0	0	171790	562320	197110	376400	0	0	0	0	0	213710
Nict	180620	409440	475660	427550	467560	467560	458360	180110	150200	239900	228860	426400
Sec61a1	545390	801900	760930	455130	609100	609100	388200	176160	284900	351050	807870	257910
Som1	457870	794170	274680	274680	274680	274680	274680	274680	274680	274680	274680	274680
Tlr7	462090	382600	383300	0	397300	258900	331410	330210	319220	254950	501810	304610
Rk	399890	355990	354100	354100	354100	354100	354100	354100	354100	354100	354100	354100
Scnmb	636780	1086700	1086700	1387600	1387600	1387600	1387600	1387600	1387600	1387600	1387600	1387600
Olc	33732000	2634000	3078900	14241000	35065000	25077000	25206000	22551000	21968000	22390000	34447000	26440000
Sh3gl1.Sh3gl2	141000	152120	152120	152120	152120	152120	152120	152120	152120	152120	152120	152120
Raaa.Raab	256100	287300	234410	208400	208400	208400	208400	208400	208400	208400	208400	208400
Fcra2	269140	0	139180	27250	0	0	0	0	0	0	0	100930
Torg1	0	40290	28680	461760	0	28680	0	0	0	0	34864	33960
H2-D	24747000	17105000	18372000	19846000	17628000	13387000	17831000	19249000	13244000	9312000	2283000	13314000
Ando1a1	225200	232000	232000	194900	229600	229600	229600	229600	229600	229600	229600	229600
Cdpt	325310	318240	340260	381500	389100	370700	384900	267100	327200	201310	56680	367720
H2-K1	311100	311200	2891500	2417400	2417400	2417400	2417400	2417400	2417400	2417400	2417400	2417400
Gak	0	10630	0	9680	13260	10680	0	0	5638	0	21940	0
Farm1	0	25440	21040	304310	20420	31180	0	0	20420	0	20420	29650
Sdft	376630	34560	49400	29870	52640	46480	52110	405780	35380	33440	34730	34140
Dncl1	205960	20610	22030	24870	23600	21480	24170	26970	15210	24040	27530	30490
Nict	708700	23290	171180	52890	72690	37920	124900	96590	10180	13730	13730	11710
Tm9a4	142890	18130	15860	150310	154870	15860	16020	0	13590	0	15290	0
Apo1	146530	37490	18950	61870	18960	61870	231160	220190	176110	31960	17550	30780
Ar1	137690	34380	16070	118780	140510	0	136570	0	10280	0	10280	10980
Atad2c	503530	78070	69480	111840	683210	103000	51840	63890	61000	690760	688870	515790
Ar5	345140	31070	0	161910	151960	155620	0	0	0	0	0	0
Snao3	0	437750	320880	451220	292180	418220	141750	0	119320	0	21900	0
Snr	20510	0	84030	0	51250	0	0	0	8748	0	18280	0
Tmed5	0	15620	0	527960	80360	80360	0	0	0	0	8610	0
Fun	0	33360	97780	71830	66190	71830	68820	0	0	0	39820	0
Gbl	121340	21980	10200	362710	140510	17620	68410	0	51040	0	170550	60400
Lamp1	13880	0	0	413210	413210	413210	413210	0	13240	0	142330	150480
Serpnb6.Serpnb6a	1468100	120720	150410	150160	1494500	133800	117060	107850	118250	142480	133220	125890
Ata1	41790	0	0	74860	0	0	33540	0	29420	0	30780	0
Sm12	86770	186110	0	22390	83530	112240	75140	60190	10690	10740	0	83470
Tm9	471620	57120	38710	188620	188620	188620	188620	188620	188620	188620	188620	188620
Coes2	19710	30980	180340	384210	169760	340370	163930	135720	30440	0	112940	0
Act1b1	87500	91640	106460	111740	82790	91160	64970	32330	74120	98190	72390	95350
Dm1j	38890	38890	49580	49580	49580	49580	49580	49580	49580	49580	49580	49580
Ana5	1748000	309090	187920	331300	174600	228950	154800	126090	205750	256700	126400	188400
Ctse	91150	0	0	11130	0	0	0	0	0	0	0	0
Par7	272810	54880	41990	60380	37540	47300	17430	47840	44810	37860	19430	33970
Rho	15890	15890	53560	53560	53560	53560	16470	25240	15890	61000	29220	21480
Gabara.Gabara1	0	0	121210	0	108310	0	0	0	10470	780	0	0
Oub1	527110	460720	463560	718490	343570	396810	232960	24290	38990	557170	263990	286770
Pct1	746880	138480	562870	105180	77330	98810	463380	42370	807110	726530	645670	42670
Rnac.Rnac	189730	24520	18370	61930	22830	22830	22830	22830	22830	22830	22830	22830
Smag111004.10k	0	343780	0	62940	0	27400	303410	292640	375440	441730	0	0
Tm2	216730	381320	21630	39770	22050	22600	19440	14560	205190	201990	193160	18820
Rac5	0	144560	192330	17890	12890	13670	0	0	14580	0	0	0
Vav3	0	150780	0	14570	0	13670	0	0	12330	0	0	0
Atg1a1	281850	257370	222490	24220	24220	24220	20570	212660	246680	231410	21390	0
Atg6w1c1	92160	79470	63130	94520	102170	86390	74030	79750	73180	64320	95350	67960
Atad1f	18280	22700	22700	22700	22700	22700	22700	22700	22700	22700	22700	22700
Cle1	101500	63410	108580	93700	114640	59320	69450	68870	58170	68870	57440	49060
Ar1.Ar5	381570	464760	283500	59770	941760	393710	170600	143770	26870	241010	496680	175200
Ccck1f	0	24520	16510	17610	0	20740	15960	13960	16280	17460	17460	17460
Cox2	64280	64450	654910	530150	508220	61880	31170	458010	440820	47880	564910	401330
Hc1	0	0	12840	0	0	0	0	0	18350	0	18350	0
Rac1b1	128890	5270	117780	116880	116880	116880	116880	116880	116880	116880	116880	116880
Ucd3b1	487320	0	21490	47540	40410	51870	411240	47860	54420	346050	53030	40780
Pg4c2a	262890	0	24960	0	58950	0	33950	31420	33060	0	0	33010
Sct5	241890	325270	191250	267650	24170	24170	194360	222156	246890	58810	127890	187710
Sct4	83930	92860	93880	106330	737910	121120	0	0	90160	89470	0	0
Con1	144550	195980	195980	195980	195980	195980	195980	195980	195980	195980	195980	195980
Golm4	301970	0	28470	58457	485630	80120	0	0	59820	65570	60240	0
H10	187840	72350	33790	565850	0	177890	37570	0	53450	49670	33780	28040
Hwe1	18970	18970	18970	116686	116686	116686	117240	117240	117240	117240	117240	117240
Ana7	942790	113480	81510	962230	962230	962230	965770	177340	112630	120460	909240	101380
Bca	49890	49890	49890	49890	49890	49890	49890	49890	49890	49890	49890	49890
Ccan2	218440	287880	215440	597150	25760	299110	38930	564190	239280	347050	226740	33780
Ctcb	489770	408860	426860	608250	608250	608250	608250	608250	608250	608250	608250	608250
Myo18a	426930	41880	0	444950	428190	76760	487230	46650	46650	83050	0	247970
Rac2	37490	24650	0	37490	420960	0	407670	42540	475170	41010	367550	247970
Tmed9	135200	24520	131610	21420	17610	13400	17460	17460	17460	11640	11640	11640
Pcg2	137400	75960	76480	105150	105150	74080	83190	109350	103770	115720	81780	82920
Act3f1	116250	0	68890	0	0	11770	10420	113960	113960	143520	143520	143520
Ube2d3.Ube2b.Ube2c	87770	0	76180	59680	0	0	67290	113670	0	43310	0	31390
Vim1	1302100	507270	1493100	1527700	1620400	1074900	2790000	3520000	2875000	2794000	1030000	1141000
Vwc2	58930	53780	0	76130	6000	6000	86810	67270	76720	84750	95270	84950
Arc2	207200	207200	184100	326400	127400	242870	242870	242870	242870	242870	242870	242870
Cam1	230740	395400	120300	256200	308760	38040	21790	93880				

# Enzyme

GeneNames	LFQIntensity_1	LFQIntensity_2	LFQIntensity_3	LFQIntensity_4	LFQIntensity_5	LFQIntensity_6	LFQIntensity_7	LFQIntensity_8	LFQIntensity_9	LFQIntensity_10	LFQIntensity_11	LFQIntensity_12
CodA	942200	703800	977200	902400	763800	804700	822100	512800	213700	268900	915900	725600
CodB	2017900	372900	182400	184400	166200	284700	284700	1338100	236200	438400	268900	298300
Nci1	180620	409400	547600	427500	305400	4902100	453800	1801100	1920200	238900	238800	4183100
Zmp2a	973150	171600	450300	171600	961400	171600	171600	171600	171600	171600	171600	171600
Lfcv6	1388100	1599000	1249000	1540000	1023700	1114500	1087000	879400	9352500	728200	238800	8284100
Csrf2	498700	337600	469000	537200	490000	490000	490000	490000	490000	490000	490000	490000
La63	1454200	193300	198300	223800	157300	182200	133400	173800	173800	173800	173800	173800
ClpD1	4010500	4010500	4010500	4010500	4010500	4010500	4010500	4010500	4010500	4010500	4010500	4010500
Ctk	33732000	2634000	3078000	14241000	3595000	25057000	25206000	22551000	2198000	2290000	3447000	2684000
Pmpca	118400	461200	114200	209000	649700	179200	109000	244800	36000	56110	128010	303810
Wnt1	236700	290700	440700	257400	129700	129700	129700	94900	129700	129700	129700	129700
Pmh2	318810	431340	367900	541900	305200	506800	205900	84600	217500	200500	216100	216100
RagA	2763100	2763100	2763100	2763100	2763100	2763100	2763100	2763100	2763100	2763100	2763100	2763100
Serp1	625900	1124400	6917400	1504900	933800	1041300	620900	2732100	611870	543200	105400	692300
U13	179300	179300	179300	179300	179300	179300	179300	179300	179300	179300	179300	179300
Aox3	276900	222800	198300	315000	228100	179200	109000	244800	143400	129200	21900	173500
Hst1	179300	179300	179300	179300	179300	179300	179300	179300	179300	179300	179300	179300
Smp20	1054000	623900	910300	442400	656900	658400	6822100	667800	527400	696100	652000	833600
Aly5c	7897700	4607700	6948700	1110400	4031100	1018000	5136400	620000	620000	620000	620000	620000
Cox7a	290970	326200	519400	612000	257200	354800	211300	0	2001500	229400	345400	345400
Ube1	124140	298800	134900	424300	135700	135700	125600	0	140500	128700	107400	0
ERF	1525200	1792000	1813000	1813000	1182000	1182000	1182000	1182000	1039000	1039000	1039000	1039000
Nip	439200	514900	459600	357810	357810	357810	357810	357810	357810	357810	357810	357810
GB1	1213400	219870	102000	362770	1595100	172800	60410	0	0	0	0	64000
MSC	170970	170970	170970	170970	170970	170970	170970	170970	170970	170970	170970	170970
Pkar2a	125600	203400	271740	371300	1162300	252040	109920	834150	153800	175600	139470	106400
Pom14	1758200	1145900	815470	1477000	893100	1287000	1287000	666900	0	0	0	0
Bmh	414590	263610	71340	401200	390000	377600	377600	377600	489300	0	423800	0
Gba	317410	465900	398400	773700	288400	469000	129600	0	117700	17080	387300	111340
Serp6&Serp6a	1468100	1207300	1501600	1494500	1338000	1338000	1338000	1078500	1182500	1424800	1528900	1528900
Tm6	203700	777300	379400	0	0	0	0	0	0	0	0	0
Suv9	265300	168500	229200	0	188300	159700	0	214200	186700	206400	127400	209900
Trps	44820	97870	168600	0	121180	46570	0	0	35870	0	0	0
Aox7	243400	234900	0	202000	92670	128300	78570	100070	183800	112300	172500	97290
Cox2	196710	306800	180400	364200	169700	340370	163900	135720	304400	158200	0	112940
Cox3	542400	542400	542400	542400	542400	542400	542400	542400	542400	542400	542400	542400
Ddb1	213900	531900	319200	614700	239700	414200	190600	136900	269500	449300	276800	353600
Pom1	328000	450200	450200	450200	450200	450200	450200	450200	450200	450200	450200	450200
ERf5	386700	943900	336800	1453000	370770	925810	312240	599410	212740	973400	276370	516460
PafK	272810	548900	419200	670800	378400	472900	174800	478400	448100	379800	397600	397600
Poa	174900	159000	159000	244100	104100	104100	104100	104100	104100	104100	104100	104100
Pom2	1314600	1613000	1588300	2010600	1354400	1631800	903190	833700	1161200	1526900	1203400	1240000
Ube5a	179300	179300	179300	179300	179300	179300	179300	179300	179300	179300	179300	179300
Galaric/Galarap1	0	0	0	121100	0	108310	0	0	194700	75800	0	0
Hst1	167500	0	0	485100	0	311600	0	0	0	0	0	151400
Hut1	2645300	3915300	1486000	4371300	2841900	1882900	2422000	3642900	298200	99800	267100	267100
Club1	527710	467200	463500	718400	345700	398100	232900	242900	389390	55170	26390	286700
Nip	439200	514900	459600	357810	357810	357810	357810	357810	357810	357810	357810	357810
Pgl	1319900	1789600	1031100	1077800	1027000	1259700	754400	772400	1102000	172200	1163700	918700
mpc6	0	0	0	0	0	0	0	0	0	0	0	0
Cox1	603000	633200	431300	748400	424200	397900	325400	294200	425700	509120	0	376350
Ube23	146920	1385400	55270	1591800	773700	966100	4633800	423700	807100	755300	425700	425700
Rag2	10910000	1260000	1260000	1260000	1260000	1260000	1260000	1260000	1260000	1260000	1260000	1260000
Ube2c	188900	381700	181700	619300	208300	232500	0	337300	264000	239600	239600	239600
Rag3	1479400	1479400	1479400	1479400	1479400	1479400	1479400	1479400	1479400	1479400	1479400	1479400
Pom8	0	318700	0	513600	230100	0	0	296300	346070	0	0	0
Rag1	627100	1202100	1202100	1202100	1076400	1076400	654700	403400	239600	294600	62470	75400
Rag2	3991700	4992800	2842000	3235200	4060800	3821000	3531000	4203000	3514000	3649500	4288000	3650000
Cox5b	1253600	1167000	1378000	176800	1441300	1222000	1322000	1467700	2396200	2546000	968670	1178000
Cox5a	498150	568150	0	497670	0	497670	497670	47670	45460	0	0	0
Dcas	282900	317410	0	178900	272000	334800	289800	309300	330200	390470	0	0
Dnf1	1897000	1364900	1613000	1165000	891300	1392000	1392000	1142000	1474000	1474000	959300	688100
Pgl3	146920	107300	142940	17050	119300	104740	151200	897100	807100	265300	92760	92760
Eso1p1	75230	0	0	0	0	0	0	0	0	0	0	0
Eso1	1772500	2874000	1604300	2269000	1552200	1847000	1658900	1385900	2690400	2542900	1034000	1479800
Pom13	146920	146920	146920	146920	146920	146920	146920	146920	146920	146920	146920	146920
Pmp	0	598300	0	430700	0	0	0	0	584290	521600	0	0
Hm1	317150	468150	386700	385200	385200	387700	0	276200	420900	240600	0	254900
Ise	102110	117900	89720	102000	86530	110150	101200	108900	133800	133800	0	0
Ube1	1871000	1717000	1717000	1717000	1717000	1717000	1717000	1717000	1717000	1717000	1717000	1717000
Ube2v1	470620	821100	638000	379400	531700	338200	652840	1128000	4447300	4964200	375100	818500
Aox6c1	1001900	893400	1378000	921200	1699000	1363600	1863200	1694000	923310	1198900	1233000	1181100
Nip	439200	514900	459600	357810	357810	357810	357810	357810	357810	357810	357810	357810
Nip155	522870	379770	587100	361210	518770	529510	758600	502350	469450	437950	833350	377800
Rag3	0	0	0	0	0	0	0	0	0	0	0	0
Serp1c1	239400	234500	244500	192900	363600	318150	278500	314000	112300	337300	337300	337300
Gn3	208680	208680	208680	208680	208680	208680	208680	208680	208680	208680	208680	208680
Gn3	83310	0	0	0	84920	183440	0	84270	238300	108210	0	0
Pom5	299900	299900	299900	299900	299900	299900	299900	299900	299900	299900	299900	299900
Pom6	2844200	2946000	2219900	2674300	2398000	1685000	1685000	2589300	2641000	2525000	2108100	1956500
Pom7	1313000	2432000	2432000	2432000	1622000	1622000	1622000	1622000	1622000	1622000	1622000	1622000
Gn1	6389100	6384000	4812000	4812000	5116700	4613700	4134000	5084700	5604000	5387000	4087000	4028000
Pom1	724110	373100	495010	338000	338000	338000	408400	432400	589000	589000	425900	370260
Clmp6b	590300	805900	312800	940300	527070	977000	520830	774800	1471700	1324600	390480	550750
Rmg2a/Dnae2	143000	143000	143000	143000	143000	143000	143000	143000	143000	143000	143000	143000
Pom8	1440100	1697000	1697000	1697000	1182000	1495700	931070	887200	1688200	1891500	680170	1184000
Nip	439200	514900	459600	357810	357810	3						

# ER

GeneNames	LFOIntensityA1	LFOIntensityA2	LFOIntensityB1	LFOIntensityB2	LFOIntensityC1	LFOIntensityC2	LFOIntensityE1	LFOIntensityE2	LFOIntensityG1	LFOIntensityG2	LFOIntensityH1	LFOIntensityH2
Emc29A151480	2879900	2017900	3739900	1854400	2424600	2030000	2874500	1338100	2320500	2651200	3059700	2959300
Tor3a	4032100	3043900	2642600	3733700	2639100	2012100	3415400	1769600	2502000	3359800	0	3229200
Tnfr3c3	9817900	8897800	2363800	1658600	1516600	1811000	1046800	0	1203900	1915400	0	3129700
Siamor1	4578700	2354100	2746800	2248200	3208200	2224200	3023700	1683300	2891900	2589100	0	3399100
Emcl1	6986500	6733600	6733600	6733600	6733600	6733600	6733600	1522200	4485700	4485700	0	7795700
Surf4	4374700	3105600	4922700	2154600	3652500	2092000	2888200	2024300	1463900	3427100	0	2469100
Hsh9b	5398800	9689800	7012200	1125800	5854800	1077600	5854800	4985300	5857100	6837300	0	1078100
Wdr31a1	8453900	8019300	8019300	8019300	8019300	8019300	8019300	1761600	3849800	8019300	0	2579100
Bak1	4812000	4962300	8972000	7047500	6354600	6067400	4891200	0	2749600	4461800	0	5419300
Zmpsc24	9515200	1715300	0	1613600	3819400	2359400	1237600	0	1494200	1258300	0	1258300
Se3a	12692000	9954000	16557000	16742000	16739000	9451000	11378000	7128300	10473000	6387800	0	16719000
Ncl1	1982000	4094400	5476800	4275500	3554600	4902100	4983000	1502000	2389900	2389900	0	2389900
Ncln	1844100	4044800	3971400	3141900	3342200	3342200	1586100	0	942260	1051200	0	4724300
Cdc47	9422800	7038800	9712700	9224400	7838500	8047300	8271800	53192800	2318700	2569300	0	9619000
Cact1	6444700	3891800	2837400	0	1516600	564790	2469600	0	962520	1585800	0	698620
Linc40	743130	99190	82930	65090	754550	67510	0	677110	643280	818870	0	904920
Ttrr	5072200	6193300	4717100	3192500	8948600	8948600	872000	5297600	4492300	4231200	0	1048900
Scf11	3766300	3545600	4949800	2958700	5264600	4644800	5211000	4057800	3538800	3344300	0	3414700
Dm11	1059600	948720	892810	1159600	1052100	88280	0	791010	0	512760	0	792500
H2-K1	3313000	3128000	2981500	3215300	2417400	2901000	3568700	2572100	2648500	2668300	0	3532100
Cd3e7	3252100	3185400	3402600	3815900	3589100	3707300	3884900	2657100	3272200	2031300	0	5666900
Linc2	9153300	3951700	4449200	1092400	7266600	4951400	4199800	6857000	3524700	2862300	0	4227500
Pgrmc1	0	2554400	2018400	3043100	2042600	3232500	3118200	0	2042800	1746100	0	2966300
H2-O1	24747000	17195000	18373000	15946000	17628000	13387000	17831000	19249000	13244000	9312000	0	13314000
Wdr4	754250	619620	70670	2540400	596870	569890	644650	522690	0	1136600	0	924500
Aif1	3451400	3100700	0	3237700	0	3387000	2945700	0	3885500	0	0	0
Dnaj3	2848000	2961200	2379500	2987100	2405100	2079000	1993000	0	2851100	2225800	0	1748200
Ubrn1	1244100	2988000	1344900	4243100	1357100	1398900	1256800	0	1405900	1287600	0	2075000
Nkap3	2323000	2785200	4510000	4054600	2986400	3718300	1404500	570000	1292500	1928500	0	3370100
Xph	4282300	5149500	4648300	7009800	3578100	3871900	1813200	1349900	3102600	1575780	0	3509400
Arlg5	2272500	4902700	2502900	6491700	2029400	4028200	1953700	2066600	2392300	2946600	0	3311300
Sx16	205120	0	840320	0	512250	0	512250	0	87848	1827200	0	182880
Teco	5207100	4103000	3660400	7521000	2925400	4008900	1632100	1107400	1524100	1227200	0	57370
Pgt	1038900	711470	8991790	7594470	975240	8794160	794160	0	712790	0	0	711760
Gba	2174100	4659500	3984600	7737700	2984600	5693000	1965600	0	1177700	1708300	0	3875300
Scr	4327700	2765800	3547500	4501200	2909800	2369300	1417500	3189300	2946600	2193200	0	2329200
Ohp	931830	1104600	960400	2152400	1076700	1113200	0	0	1159700	0	0	0
Srp54Srp54c	7492500	1297300	0	3912800	9937900	9237000	7623000	0	8995200	0	0	7205300
Tsn	1675600	3244400	0	4985800	0	3138400	0	0	1274700	3347500	0	1514600
Rhoa	1789900	15542800	1586100	5252600	2441000	4193200	1642700	2524500	2757600	3097600	0	2922500
Fam129a	16281000	3675700	1961000	18681000	1652200	15429000	12947000	0	1892900	13149000	0	14369000
Rak33a1	1288900	527300	1387300	1163800	0	1378100	0	0	1281000	1017400	0	0
Linc2	0	0	0	0	0	0	0	0	0	0	0	0
Asl	3901000	2062100	2435000	3172800	2506300	2273300	1231000	1384800	2034400	2793000	0	3032600
Oria1Cora1g	5275000	3469800	3469800	58237500	4522500	6088000	58237500	3435500	3435500	6781300	0	6781300
Hsd17b11	2333000	3239300	2323300	3339200	1807500	2422500	0	0	1769100	1669300	0	2247400
Dnat11	3948800	5144200	2816400	6045900	3344600	4139200	2662900	2295800	3939800	3267000	0	5169700
Ucp1	2698300	3678900	2954000	3054300	3504800	4261100	2511400	0	2764300	2754300	0	2354800
Xo1	13418000	12151000	14561000	8316200	14259000	10657000	9312000	9114700	10853000	11057000	0	11589000
Cdk315	0	0	0	0	0	0	0	0	0	0	0	0
Unc93b1	4873200	6184900	5563200	4754500	6240100	5183700	4525600	4768600	5642400	3460500	0	4078900
Rac21	374900	6426500	0	374900	4509600	4509600	4509600	4509600	4509600	4100100	0	4509600
Vim	15021000	50177000	14931000	15227000	26340000	10749000	27900000	35200000	28750000	17944000	0	10300000
Rot5	9149500	11225000	8782000	9028600	10865000	9177000	12756000	10963000	10667000	12256000	0	7965200
Rac2	13215000	12272000	6739400	1009600	6299900	1422900	3415000	3216500	1037000	1037000	0	1144000
Tmed9	0	0	0	0	0	0	0	0	0	0	0	0
Fah1	0	2597900	0	1954500	1174200	2811300	1742000	1901000	1732500	1666000	0	1161800
Rps29Gm1026	637490	1359700	1006200	1614400	1386400	1443800	1498300	2091500	1471200	1359800	0	774070
Tmc2	426780	1551040	388340	388310	542570	4162600	474550	360900	418700	406480	0	407170
Scs2b	832480	1247400	967600	965200	1295700	1298900	7290700	1049800	1518200	1421100	0	827600
Gdc7c	4378600	5724300	3490100	4784400	4148800	4435500	2949900	3577900	5162600	4882400	0	3296000
Ksial2g8	0	201900	0	187720	0	0	0	0	0	265500	0	0
Calm1	2307400	3954000	1803100	2562000	3087600	3804000	2179900	9388200	3569200	2664700	0	1098500
Pafah1b2	263180	3204700	1826400	3674300	2425100	2701300	1539600	0	2701300	2488900	0	1286600
Pdq4a	819660	992200	810560	1550100	5426100	8558900	704560	358660	681070	881630	0	629260
Arp	0	216250	0	140810	0	116970	0	0	145250	151150	0	0
Ampc1	1698300	1664600	1153600	1698300	1638800	1152800	1118200	1129500	1546600	1444700	0	1470700
Pnc2	2668200	380660	283100	0	200140	283440	0	0	0	153260	0	0
Spm1	2163800	2454000	823200	1742000	1239600	1197400	1442000	1503900	2114700	1286600	0	852100
Pim	12325000	11833000	9073200	82313000	81146000	87189000	87189000	98328000	10560000	12347000	0	8204800
Lars	3871300	3525200	3396400	2237500	3109400	3109400	2751000	2712800	2923200	2910000	0	3887200
Pof	7878600	6117100	6029600	4863400	6174200	4777300	6029600	6157000	6029600	6019000	0	5895200
Pafah1b1	841040	644550	281110	748670	386400	386400	390300	497800	509760	505280	0	337600
Gwa3	395600	501510	211660	262650	376200	216100	310100	182120	375200	194720	0	233900
Ero11	2955600	2719200	1668600	2026700	1668200	1927300	1502400	1492800	1989900	1448000	0	2079700
Sulf2	445510	387250	0	142580	0	0	0	0	0	0	0	0
Rps12	2157800	3410100	2475800	2702200	2196500	2856700	2723200	2100400	3411500	3427900	0	2498100
Srs2	0	0	0	0	0	0	0	0	0	0	0	0
Atr3d	5730600	1997900	210190	708050	884890	194890	328400	349290	269950	789550	0	411800
Cat5	0	221240	0	132540	0	92346	0	0	288050	630880	0	2769100
Nkap4	0	169910	0	228960	179950	137390	96747	0	0	317400	0	131730
Tex52	1786600	3132200	2128700	3271900	1823000	2151700	1993400	2588600	2841300	3659700	0	1447800
Pfih1	780890	1098800	598200	1354000	944200	1143000	498340	1086000	6819100	1261600	0	483040
Acol1	390060	416980	361910	431390	302550	323880	337550	382020	349590	375650	0	2184200
Rac1Rac2	423430	904380	322290	791980	441900	781600	447660	344400	617340	681900	0	263300
Nrl1	371900	188880	347500	317720	322300	322300	317720	448720	3101300	317800	0	287760
Rpl18	30634000	25038000	40969000	18637000	36							

# Golgi apparatus

GeneNames	LQIntensityA1	LQIntensityA2	LQIntensityB1	LQIntensityB2	LQIntensityC1	LQIntensityC2	LQIntensityE1	LQIntensityD2	LQIntensityG1	LQIntensityE2	LQIntensityF1	LQIntensityF2
Sun4	4374700	3119600	4927700	2154800	3656200	2096200	2898200	2024200	1638900	3427100	5011800	2469100
Cand1	4988700	4763800	5376300	4662800	4201600	4943100	4202600	3991500	3044500	4033300	7987900	4611900
Dyne1	1679300	1621200	1813200	2489400	1309300	1573000	1156200	1899900	1902700	2033300	1919700	2324700
DnaK	5200000	5167300	5472300	5825300	6967900	6829300	6269300	6378600	4773400	4234400	6877500	6977500
Ctz	33730000	26346000	30788000	142410000	35065000	25057000	25200000	22551000	21989000	22390000	34447000	26840000
Fgfr5	2691400	0	1381000	0	0	0	0	0	0	0	0	1593000
H2-D1	24747000	17165000	18373000	13946000	17628000	13387000	17831000	19249000	13244000	9312000	22363000	15314000
Ctst	3253100	3164900	3465900	3815000	3599100	3107900	3864900	2657100	3272200	2811300	566900	3877700
Cgsl1	64470	389880	2837400	0	723650	564790	1722800	1722800	965250	1588300	696950	745990
H2-K1	5311000	3123800	2991500	3215300	2417400	2901000	3866700	2572100	2645800	2608800	3521000	3476100
Ctla4	4057000	3482900	5752900	4181300	4475500	3542900	3694000	3805400	3023900	3120900	6326600	4297900
Ctst1	3768300	3486300	4844900	2296700	2998700	5264600	5211000	4507800	3638800	3344200	3411400	3411400
Lp1	11877000	11905000	21964000	11721000	16888000	10189000	18360000	14949000	9015400	8023300	21464000	14956000
Rac1	1279500	0	0	0	0	0	0	0	0	0	0	1723000
Neol1	708700	282080	1711800	528950	762400	379390	1246900	962300	1801800	232940	1379100	1171700
Arl1	137900	160700	160700	275700	160700	160700	1365700	0	102890	0	108990	0
Aurkb4c	5053300	780770	684870	1110400	683210	1030600	513640	628900	610000	698700	688870	5157900
Akb5	1541400	1886500	1591690	0	0	0	0	0	0	0	0	195950
Arf5	3451400	310070	0	322720	0	0	338700	284570	288550	0	0	0
Sneg3	0	0	0	161910	151990	152500	0	0	0	0	0	0
Snf16	205120	0	0	840320	0	512250	0	0	8784	86104	18286	0
Time5	0	158320	0	527960	303660	102590	0	0	0	0	0	0
Dyag9	1066700	322590	180630	585810	207650	501470	227980	1916170	152480	342600	232130	234510
Gb1	121340	218970	102000	362770	150510	177820	604110	0	0	570420	170550	64000
Sart1	92520	147530	0	229100	0	352170	0	0	0	0	0	0
Sly	176160	224120	153700	377380	164920	406660	0	104660	107080	108770	166260	127630
Snz2	89770	198010	0	222990	83630	112240	75144	501940	108900	107440	83470	0
Snw9	263300	168950	239230	0	188630	139780	0	214240	185780	206400	117340	20900
Tnfr9	441420	97570	387210	168950	92170	139780	45570	264440	264440	355570	133500	0
Au1b1	876500	996410	1064600	1111400	827940	812860	649780	744120	988190	988190	733390	953590
Ctsp	831650	1104600	960490	1104600	1104600	1104600	0	0	0	0	0	0
Mxd1	597620	734990	0	1059700	0	867180	0	0	0	793120	0	0
Ctst1	742990	1013500	6341000	1095900	837000	1146400	580200	684480	688180	757440	49080	0
Codk15	0	243200	165100	257570	175100	201400	159800	139660	167660	178660	174400	175660
Cagc2	6429900	6442000	6494000	5301500	5002200	6108800	3117100	4580100	4408300	4768800	5649100	4013300
Lme2	0	0	0	271110	0	0	0	0	186590	0	0	0
Rab39a1	128890	52730	137730	116380	116380	137530	0	0	128100	121180	107740	0
Ube1	269790	368790	364300	364300	364300	426110	251240	254100	274200	271320	334800	205600
Coq7	144300	212820	0	150500	149990	96190	184360	222150	246890	578150	127610	178710
Eno4	1151200	116280	0	194160	154810	130960	139870	0	176360	0	133400	0
Golin4	301970	0	284470	58457	485630	80120	501430	59340	65570	52986	60240	0
H1b	187940	273940	337920	663950	0	376300	0	0	523400	465700	337690	29040
Hwe1	190790	72860	0	116680	0	64440	101700	117240	99810	0	121550	103340
Myl3b	43980	0	0	64490	0	47819	0	0	67620	46550	83650	0
Rab21	378490	246300	0	374360	430980	0	406870	425340	475170	410910	365750	247970
Thrb9	355200	1227200	1316100	2145100	1114200	1304000	1774200	1805600	1725000	1666000	1181800	1157900
Dn2	1524000	1308900	1372200	964040	1325700	1161000	1297500	1503000	1285300	1587600	1007600	1612800
Au3b1	116250	116420	68980	116420	116420	117700	106700	111960	102690	126200	143320	109500
Srs1	281430	295440	196650	196650	198410	146280	266520	309660	546710	501380	189630	43380
Aur1a	1147100	1209500	777340	1263000	982750	942820	1006900	530320	1047300	964500	895420	991700
Lmp1	1133300	1136200	1282800	1296900	1296900	1399600	618900	6477100	1196300	798490	596290	0
Amp1	1698300	1664900	1153800	1638800	1638800	1512800	1182000	1129500	1546600	1447000	1470700	1241700
Asp	0	216200	0	149100	0	116970	0	0	145290	151520	0	0
Gokp3	0	0	0	0	86540	38970	0	0	538010	462960	0	0
Pafah1b2	263800	300470	367420	367420	242510	270210	133060	248990	313000	248990	183300	128660
Psd2a	816900	92220	810600	810600	542610	858990	760560	355880	881670	881670	632600	622400
Sac3b	853400	1217000	987600	987600	1259700	1298800	728070	1043800	1213100	1421100	827600	962900
Dnr	399000	1178900	594160	1422000	1358100	1011000	427710	639490	739770	1025800	541310	324500
Wdr3	291700	285690	281120	299940	345590	0	0	0	0	284400	0	0
Arky1	671530	460270	488690	462260	413700	457110	508710	546170	532900	532900	543650	423030
Tub4b	795400	9801700	6445000	7195100	7648100	7388500	7154300	6927000	7048900	8527800	6393000	7222500
Ora3	365600	301610	211860	378500	378500	310510	310510	362120	372300	194720	446920	23390
Pafah1b1	841040	644250	281110	0	748970	386940	393900	497800	529760	505280	391210	33760
Nkap5	246520	442220	236760	433070	298770	410900	177400	320720	469760	469760	211120	0
Nkap5	1134800	1475100	566890	2100400	1051000	1707900	500970	790560	1874100	1916200	801040	688920
Pfkl1	788900	108660	596900	108660	596900	1143000	496340	651910	1405700	1561600	485040	596470
Rac1fac3	424340	994300	322390	791380	449190	781960	447560	344400	611340	681900	263300	359410
Rac1	2157800	3140100	2476500	2702200	2146000	2146000	2174000	2174000	2174000	2174000	2466600	2466600
Tub52	178600	313200	212870	3271900	1823000	2151700	1992600	2586600	2941300	3659700	1447800	2148200
Arsip	23990	139700	441120	307760	307760	345700	345700	374460	201900	201900	271520	181270
C44	4678400	3670500	7065300	2562200	503900	3043000	1953300	7952700	2968100	2041900	3984800	3984800
Rpl1	33690	136980	429460	162700	341700	302500	402100	502000	262400	0	38810	0
Pfkl2a	200900	160650	247410	239750	214290	185760	281380	382840	149070	165770	183700	276260
Tf2	930740	346830	409330	409330	734500	467310	1148800	1427100	645400	473400	1273800	1273800
Au1a1	2068000	1708000	2301600	1765000	1958000	1658000	2489700	2648000	1768700	1528700	2287000	2287000
Cod8b	246700	1207100	1134900	377330	1484500	1116100	907010	3853900	1320300	864300	2618300	2618300
Usp5	35211000	13817000	31849000	11149000	1927000	1469300	3835000	4007000	3538000	3519000	3767000	4149300
Vps2a	372800	466220	305490	552810	343130	409130	540240	0	311990	312130	260700	532040
Dn1	38490	346760	0	244170	313650	257500	0	393840	338400	252200	389200	389200
Vbl1	0	201670	190480	239880	160600	263440	218420	2410300	218800	207700	0	213870

# Extracellular

GeneNames	LQIntensityA1	LQIntensityA2	LQIntensityB1	LQIntensityB2	LQIntensityC1	LQIntensityC2	LQIntensityE1	LQIntensityD2	LQIntensityG1	LQIntensityE2	LQIntensityF1	LQIntensityF2
Acxa32p	2762400	2493100	0	2655000	0	2388100	2435200	3019700	0	0	0	2078900
Acylp	978700	5252100	2025300	5398700	643000	0	1325600	0	0	0	1035100	709400
Act	1783600	2086800	0	3150000	1264000	1675700	2628100	1707000	0	1207100	0	3398800
Kctd1	4292400	4029300	0	4029300	4029300	4768900	8439000	2387700	0	2387700	0	3627700
Nesl	7067000	2826800	17118000	5265800	7624900	3792900	12469000	9662900	1801800	2329400	0	13717000
Nican	6575500	3364000	8844900	4261600	5446400	0	7143200	5213800	2743800	2222500	10522000	4448800
Acdr	1463300	3740900	1896500	6167300	0	3285900	2311600	2201300	1768100	3169000	0	3079600
Ctld6	8861400	7988900	0	14707000	0	8161000	4043500	4311400	5045500	2311200	8037500	2183000
Dnaj8	0	2177700	0	4465100	0	1518600	0	1045900	1501900	1620300	0	1119900
Sh	20207000	0	77773000	0	3742600	0	8360400	0	8647000	9068000	3117900	6312000
Sw9	2653500	1866600	2292300	0	1986300	1597800	0	2142400	1857800	2054000	0	3284000
Lpa83	150570000	262720000	194200000	343200000	212440000	251600000	157200000	178200000	215020000	259590000	138200000	190270000
Amg5	104890000	389490000	187620000	531320000	174600000	228690000	154800000	126090000	205750000	296070000	126400000	188400000
Fabp5	33345000	77611000	39389000	99455000	52610000	70194000	43633000	32121000	50389000	61933000	38788000	42795000
Rsl1	4610300	7091400	4103400	7297900	2719100	5767900	2523900	2947000	5965600	3653000	3863000	2464300
Rab35	0	1443600	1923300	1789300	0	1328900	0	0	1489800	1430800	0	0
Fs1	1269300	905100	0	735300	2244100	0	1329000	0	0	0	0	0
Exoc4	1161200	1162800	0	1047800	1548100	1309500	1288700	0	1763600	0	1338500	1244200
Piso	5213900	3154900	2570900	2002000	4910700	2744000	3881100	6973300	5214600	5827000	2395900	5089000
Sec1	2814300	2054400	1965600	1965400	1841100	1482900	2695200	3599900	5467100	5013800	1863300	4353800
Wnt2	589300	5378500	0	765200	0	600000	869810	672700	865700	865700	0	849500
Cas1	122280000	189350000	108550000	155390000	111030000	136570000	90481000	71768000	154490000	162470000	78890000	92239000
Cab	6989800	10461000	5198600	11300000	6226100	8478600	4684000	3529900	6553100	9674400	4748900	6561800
Amg1	1696300	1694600	1636800	1696300	1636800	1512900	1132300	1129600	1444700	1444700	1474000	12541000
Ph1	7698800	11350000	55841000	10952000	72629000	81277000	65401000	66664000	93370000	96510000	53163000	6784000
Fatan1b2	2611800	3004700	1020400	3674200	2425100	2021000	1329500	0	2489900	2489900	1832000	1296600
Pdgfra	8180600	9822200	8109600	8742000	5426100	8558900	7056600	3358600	8816700	8816300	6262900	6249000
Porc1	2677700	5122000	2184700	4633600	2312100	3263300	2063800	1405600	4966600	4966600	2277100	1911400
Pip	2624200	3087600	2075700	3048500	2782400	2765300	0	2195000	2984500	2488600	1827700	2757000
Encp	16107000	21607000	16763000	14662000	14564000	16763000	12662000	10237000	17664000	22740000	12629000	14421000
Gars	6394100	6336400	41129000	48125000	41129000	41517000	41514000	50847000	56004000	53870000	48075000	40282000
Lpa81	2397000	41147000	21962000	31539000	26969000	37623000	19755000	26446000	37023000	26248000	2474000	14860000
Nmpt	1648500	1828600	11876000	1338600	11351000	1078000	1099900	13546000	12423000	12782000	12548000	11156000
Gr	10398000	14480000	13607000	13607000	88897000	0	8460400	6952800	10485000	15162000	6257800	10060000
SI00a11	1075500	1150700	0	942070	0	0	0	0	1427800	4086100	0	0
Cst	207320	212160	0	123480	0	82246	0	0	288050	626880	0	0
Gm	0	240920	228860	240920	0	218400	3097400	2413800	0	223900	0	0
Php1	7898900	1088800	5982900	13544000	8942800	11430000	4993400	8819100	14057000	12616000	4830400	5964700
Th1	17467000	22776000	14966000	20052000	15381000	19146000	13861000	16989000	20780000	24960000	11951000	14465000
Ile	1071100	1179900	892720	1022300	963630	1101500	1012000	0	1089500	1333800	0	0
Acam	5871000	3850300	3160700	4844400	4198000	4198000	7753000	74855000	4191100	3282000	9588000	6794800
Amxp	2399500	1870700	3111000	3077600	3077600	2457000	5704500	3764000	3171000	2019800	2715200	1812700
Ct44	4379400	3679500	2963200	5063000	5063000	8013000	8013000	7982700	2941000	2941000	7786200	3984900
Ct72	3111000	1832100	4994900	9747400	2582900	1576900	6092500	9538700	3435000	2821500	4311500	7279200
Ct1	352320	139470	783170	137170	283200	163300	886700	591660	185700	108300	648000	4411100
Ermln2	9087900	338240	8014900	3443500	538960	280660	5807100	9661300	5392000	3149200	4074000	489200
Pr2	438480	1170900	633200	1727500	2077500	1751100	4621500	6870300	164300	2823900	5271500	322000
Ct2	3111000	1832100	4994900	9747400	2582900	1576900	6092500	9538700	3435000	2821500	4311500	7279200
Hjan	4362800	1862500	5278000	6126000	4179000	4610000	3560700	6986100	3889500	4414000	3963000	4706200
Kusp	1258900	1058600	2032100	1202700	0	1570800	2285600	1591800	1591800	1983000	2318700	0
Serpnc1	238400	225450	244550	192900	318440	365800	3181500	2705500	316200	122380	337300	377700
Sl4	288800	217120	489500	295200	295200	177500	586100	3711900	1893100	169400	326600	251800
Hs4	3521000	15817000	31549000	11149000	19273000	16390000	38350000	40007000	26390000	15190000	37670000	41830000
Ptd4	1212000	872400	1076000	918400	780300	1096000	1013000	1502000	9462000	1062000	11162000	1512000
Dcn1	354900	346780	0	244700	313600	257350	0	393840	388400	252200	274520	388320
	1827481790	2097632820	1826689520	2076664530	1579181260	1777751946	1784310710	1862666500	1843015870	1852093230	1863950470	1862895100

# Receptor

Gene names	LQIntensityA1	LQIntensityA2	LQIntensityB1	LQIntensityB2	2064300	LQIntensityC1	LQIntensityC2	LQIntensityE1	LQIntensityD2	LQIntensityD1	LQIntensityE2	LQIntensityF1	LQIntensityF2
Cvc20a1	1451000	0	1465000	1890500	0	1763200	2332000	1001400	0	726160	0	1579600	0
Fcgr3	281400	0	1381000	0	0	0	0	0	0	0	0	0	1003000
Tlr13	3257000	1883800	2453800	3111900	2695300	2096500	1847400	0	1894900	1199600	303000	1176500	0
H2-D1	21740000	17160000	18120000	19460000	17630000	13381000	17611000	10240000	13244000	6135000	22380000	13314000	0
H2-L	21720000	16851000	14546000	64549000	12640000	64950000	12941000	146850000	81260000	61944000	14970000	11336000	0
Cd14	40157000	34925000	57529000	41813000	44755000	35429000	56279000	38064000	31209000	20321000	63056000	4297000	0
Gm15448	107700	41700	313500	544700	702500	0	149500	0	15670	38970	273700	125700	0
Ifit	1783800	206000	0	315000	1284000	1816700	2626100	107000	1207100	1831400	2961300	3399800	0
Isl1	11877000	11905000	21844000	11721000	10894000	10894000	10894000	14594000	96554000	80145000	21445000	14565000	0
Nes1	708700	282300	11718000	528500	7624900	3792900	1245900	966200	1801800	222400	11791000	11717000	0
Nr4a1	657500	384400	598900	431600	546400	416900	714500	531800	274800	122550	1052500	448800	0
Trox2	318700	134100	390400	110710	107100	107100	107100	107100	107100	132910	144750	0	0
Acdor	146300	374800	189500	631720	0	338500	231160	220300	176910	319600	173500	307600	0
Cd180	881400	788800	646700	1471000	682500	913100	495400	451400	504600	233100	930700	218100	0
Tpo	5207100	4113000	366500	7521000	296200	400900	1853100	1107400	1524100	1272000	298800	571200	0
Mtcl1	519900	735800	618700	830500	785800	6981500	549700	300500	340500	346500	5102500	635400	0
Sm9	263500	168600	229200	0	198630	109780	0	214240	185780	206400	209900	209900	0
Srs10	147400	221000	118700	295300	112600	120900	101300	0	0	107600	124800	120470	0
Apm1	96330	123140	116600	416800	96108	121900	0	0	0	130100	0	0	0
Lgals3	15057000	26272000	19420000	36539000	21344000	20941000	15752000	17587000	21507000	25585000	13803000	19007000	0
Ce1j	277000	2787000	2057700	1872800	1972800	2024000	1465500	1915700	2079000	1984000	1175000	1175000	0
Dnaj2	927300	1182500	1474000	1701000	879000	1363000	520600	624800	620400	1189700	623400	691400	0
Ame3	11048000	3828000	1876000	5312000	1146000	2289500	15499000	12490000	22607000	25807000	12840000	1884000	0
Igfb	4484700	384360	458420	508160	303800	447240	194850	231700	311000	379100	313700	138900	0
Psk	865200	126800	262440	153800	78900	82291	277510	245300	70100	498100	325300	325300	0
La2	189700	268100	282300	353810	189700	309780	0	0	185270	232400	292780	292780	0
Arc3	14870	189180	154100	142500	154200	154200	147450	101140	147460	144700	0	146200	0
Sph2	89930	92960	68280	108330	77390	121120	0	0	0	90160	89470	0	0
Tm6b3	82780	227200	111290	163400	63300	101460	0	0	0	55840	75870	80860	0
Ame2	289600	249600	278500	278700	281190	366600	282010	367400	282010	367400	282010	277200	0
Vim	1802100	5072700	14931000	15271000	26910000	10749000	27900000	35200000	28750000	27944000	10300000	11141000	0
Ps2	556100	1081500	556400	1015300	635400	635400	493500	381000	493500	493500	476200	446700	0
S10a6	1667400	2887000	890500	1738000	1311300	2199000	896500	1287100	1531800	192000	849400	849400	0
Cd1c	9442100	14675000	8103100	9987900	8291100	8859000	6181000	10500000	10894000	11577000	7691000	6504100	0
Cone1	2887300	462100	239600	256460	314960	278900	273840	225240	388780	401210	164500	307610	0
Gncl1	11658000	8998800	92762000	75223000	10944000	8981800	8996800	8996800	10457000	10457000	11554000	9725700	0
Mxd2	153900	254200	123000	152840	167000	187000	194440	143880	151900	132000	138700	138700	0
Pdca1	170400	124070	0	280740	158900	158900	124740	0	162500	0	82970	138600	0
Akam	5871000	3837000	7531000	4648000	4198000	775300	7495500	7495500	4311000	4311000	9388000	6794800	0
Lrh4	1829000	8681000	8681000	12297000	8627800	18610000	14864000	15230000	14864000	8792000	21712000	21543000	0
Arc1b3	11571000	4471000	12175000	5231000	8664300	4608600	10180000	11613000	7083000	3034000	1534000	1036600	0
C3ar1	384300	231200	306740	0	244800	23920	53900	318400	203800	271700	258300	258300	0
Cd4	4579400	3907400	7065700	2562000	3263000	3263000	8981500	2985700	2985700	2985700	1796200	358400	0
Cd72	3111000	1852100	4994900	971460	2589200	1576900	6035000	9538700	3435000	2821500	4311500	7279200	0
Cdca12a	478700	218400	399610	115280	478900	536900	8917800	144810	1289700	1289700	1289700	703200	0
Cr1	352200	193470	751170	285230	163800	886700	1061600	519600	185700	1098300	649300	461100	0
Ev2a	986400	706800	1150600	664130	73390	695180	114600	114600	114600	114600	1325000	1233000	0
Nrbp	1128000	1064500	2031000	712470	1153600	714620	285460	103700	43060	25460	2174400	789400	0
Fcgr1	4098800	2128800	3416500	1557900	3779000	2555000	5818800	6152700	2966200	1486200	4977800	5369500	0
Fcgr2c/Fcgr2b	7147000	3862300	6984900	4798200	4652000	4652000	8957500	11084000	5811800	6011800	9118000	1036200	0
Fir2	438480	173500	173500	207730	173500	173500	462100	68700	146300	282900	527150	527150	0
Igaf1	1367000	787900	1247400	859700	1041000	1041000	3941000	3952000	6591000	6591000	19702000	19702000	0
Igaf4	523800	232540	999730	483990	516630	241550	892600	1067200	276900	307450	652750	627800	0
Igaf	322500	136250	139600	11280	28520	180700	186000	332000	332000	145710	107200	211300	0
tgam	4308800	5647600	5278000	6129000	4179000	4610000	5550700	1087000	3985000	3985000	4414900	5962000	0
tbc1	7596300	1028000	7562000	8218000	4918200	7987800	8548000	3526000	5401600	6634000	9212000	13544000	0
tbc2	572800	367800	598400	541340	577500	418700	665300	789100	487400	20310	674600	557400	0
Lchd2	572800	180900	511340	147480	252300	234980	595400	664110	20310	16250	639980	279240	0
Nrx2	1005100	460670	1102400	618450	665450	414450	112200	141640	39250	102510	137000	137000	0
Nrc2	1923000	1036900	2144400	681180	1621900	881560	2481600	3415500	1639400	1274500	2629100	388200	0
Pdca1	1395700	695600	2722400	794900	123900	665070	1971600	2250700	140650	140650	1440700	1387800	0
Pden1	2462100	1650000	2389000	1340000	1340000	1340000	2473700	1530200	1873000	1873000	3004700	2431700	0
Pden2	2674900	1880700	3407900	1371300	2494000	1693900	4211000	4041500	1852900	1418900	4163800	3424400	0
Pvr	211900	181200	54650	154500	151900	151900	28650	28650	88610	88610	34980	28820	0
Sl14	288600	271300	498900	205200	204370	171700	59810	371100	166400	166400	338400	251800	0
Tlr2	930740	348800	127000	408900	72940	45710	1134800	148200	64980	64980	1278000	1278000	0
tbs5	35211000	18917000	31949000	11149000	1827000	1463000	3835000	40007000	2263800	1519000	3767000	4149300	0
Nrc1	1494000	1494000	20541000	711900	1547000	860400	2355000	2154000	9119000	6617500	2554000	2604000	0
	325722310	262489710	339428680	242016070	279651960	222149890	388476200	384743870	28727270	22695460	367404880	344199420	0