

Supplemental Materials

Molecular Biology of the Cell

González Montoro *et al.*

Table S1. Yeast strains used in this study

Strain	Genotype	Source
SEY6210	MATalpha <i>leu2-3,112 ura3-52 his3-Δ200 trp-Δ901 lys2-801 suc2-Δ9 GAL</i>	Reggiori Lab
BY4741	MATa <i>his3Δ1 leu2Δ0 met15Δ0 ura3Δ0</i>	Euroscarf library
BY4727	MATalpha <i>his3Δ200 leu2Δ0 lys2Δ0 met15Δ0 trp1Δ63 ura3Δ0</i>	Euroscarf library
CUY 1915	MATa <i>his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 VPS3::KANMX-GAL1pr</i>	(Peplowska et al., 2007)
CUY 4596	MATalpha <i>leu2-3,112 ura3-52 his3-Δ200 trp-Δ901 lys2-801 suc2-Δ9 GAL VAM6Δ::natNT2</i>	(González-Montoro et al., 2018)
CUY 10819	MATalpha <i>leu2-3,112 ura3-52 his3-Δ200 trp-Δ901 lys2-801 suc2-Δ9 GAL VAM6Δ::natNT2 URA3::pRS406 VPS39pr-VPS39(S246D, S247D, S249D, S250D, E526A, E528A, E529A, E532A, I508A, L511A, V512A, L513A)-VPS39ter</i>	(González-Montoro et al., 2018)
CUY 11493	MATalpha <i>leu2-3,112 ura3-52 his3-Δ200 trp-Δ901 lys2-801 suc2-Δ9 GAL VAM6Δ::natNT2 URA3::pRS406 VPS39pr-VPS39(S246D, S247D, S249D, S250D, E526A, E528A, E529A, E532A, I508A, L511A, V512A, L513A)-VPS39ter ZRC1::mGFP-hphNT1 SHM1::3xmCherry-HIS</i>	This study
CUY 11494	MATalpha <i>leu2-3,112 ura3-52 his3-Δ200 trp-Δ901 lys2-801 suc2-Δ9 GAL VAM6Δ::natNT2 URA3::pRS406 VPS39pr-VPS39(S246D, S247D, S249D, S250D, E526A, E528A, E529A, E532A, I508A, L511A, V512A, L513A)-VPS39ter YVC1::mGFP-hphNT1 SHM1::3xmCherry-HIS</i>	This study
CUY 11495	MATalpha <i>leu2-3,112 ura3-52 his3-Δ200 trp-Δ901 lys2-801 suc2-Δ9 GAL VAM6Δ::natNT2 URA3::pRS406 VPS39pr-VPS39(S246D, S247D, S249D, S250D, E526A, E528A, E529A, E532A, I508A, L511A, V512A, L513A)-VPS39ter PFA3::mGFP-hphNT1 SHM1::3xmCherry-HIS</i>	This study
CUY 11499	MATalpha <i>leu2-3,112 ura3-52 his3-Δ200 trp-Δ901 lys2-801 suc2-Δ9 GAL VAM6Δ::natNT2 URA3::pRS406 VPS39pr-VPS39(S246D, S247D, S249D, S250D, E526A, E528A, E529A, E532A, I508A, L511A, V512A, L513A)-VPS39ter ZRC1::mGFP-hphNT1 TOM70::Chromobody-kanMX SHM1::3xmCherry-HIS</i>	This study
CUY 11500	MATalpha <i>leu2-3,112 ura3-52 his3-Δ200 trp-Δ901 lys2-801 suc2-Δ9 GAL VAM6Δ::natNT2 URA3::pRS406 VPS39pr-VPS39(S246D, S247D, S249D, S250D, E526A, E528A, E529A, E532A, I508A, L511A, V512A, L513A)-VPS39ter YVC1::mGFP-hphNT1 TOM70::Chromobody-kanMX SHM1::3xmCherry-HIS</i>	This study
CUY 11501	MATalpha <i>leu2-3,112 ura3-52 his3-Δ200 trp-Δ901 lys2-801 suc2-Δ9 GAL VAM6Δ::natNT2 URA3::pRS406 VPS39pr-VPS39(S246D, S247D, S249D, S250D, E526A, E528A, E529A, E532A, I508A, L511A, V512A, L513A)-VPS39ter PFA3::mGFP-hphNT1 TOM70::Chromobody-kanMX</i>	This study

	<i>SHM1::3xmCherry-HIS</i>	
CUY 10495	MATalpha <i>leu2-3,112 ura3-52 his3-Δ200 trp-Δ901 lys2-801 suc2-Δ9 GAL VAM6Δ::natNT2 URA3::pRS406 TEFpr-GFP-VPS39 LEU2::pYX142-MtRFP</i>	This study
CUY 10121	MATalpha <i>leu2-3,112 ura3-52 his3-Δ200 trp-Δ901 lys2-801 suc2-Δ9 GAL VAM6Δ::natNT2 URA3::pRS406 TEFpr-VPS39-GFP LEU2::pYX142-MtRFP</i>	This study
CUY 10411	MATalpha <i>leu2-3,112 ura3-52 his3-Δ200 trp-Δ901 lys2-801 suc2-Δ9 GAL VAM6Δ::natNT2 URA3::pRS406 TEFpr-GFP-VPS39</i>	This study
CUY 587	MATalpha <i>leu2-3,112 ura3-52 his3-Δ200 trp-Δ901 lys2-801 suc2-Δ9 GAL VAM6Δ::natNT2 URA3::pRS406 TEFpr-GFP-VPS39 VPS11pr::KanMX-TEFpr</i>	This study
CUY 11860	MATalpha <i>leu2-3,112 ura3-52 his3-Δ200 trp-Δ901 lys2-801 suc2-Δ9 GAL VPS11:: natNT2-TEFpr</i>	This study
CUY 12389	MATalpha <i>leu2-3,112 ura3-52 his3-Δ200 trp-Δ901 lys2-801 suc2-Δ9 GAL VPS41::mNeon-KANMX VPS39::2x5xGAmKate2-hphNT1</i>	This study
CUY 12390	MATalpha <i>leu2-3,112 ura3-52 his3-Δ200 trp-Δ901 lys2-801 suc2-Δ9 GAL VPS39::mNeon-KANMX VPS41::2x5xGAmKate2-hphNT1</i>	This study
CUY 12432	MATalpha <i>leu2-3,112 ura3-52 his3-Δ200 trp-Δ901 lys2-801 suc2-Δ9 GAL VPS41::mNeon-KANMX VPS3::2x5xGAmKate2-hphNT1</i>	This study
CUY 11838	MATalpha <i>leu2-3,112 ura3-52 his3-Δ200 trp-Δ901 lys2-801 suc2-Δ9 GAL VPS41::GFP-hphNT1 VPS3::6xHA-natNT2</i>	This study
CUY 11857	MATalpha <i>leu2-3,112 ura3-52 his3-Δ200 trp-Δ901 lys2-801 suc2-Δ9 GAL VPS41::GFP-hphNT1 VPS3::6xHA-natNT2 VPS39Δ::KanMX</i>	This study
CUY 11858	MATalpha <i>leu2-3,112 ura3-52 his3-Δ200 trp-Δ901 lys2-801 suc2-Δ9 GAL VPS41::GFP-hphNT1 VPS3::6xHA-natNT2 VPS39::KanMX-TEFpr</i>	This study
CUY 10831	MATalpha <i>his3Δ200 leu2Δ0 lys2Δ0 met15Δ0 trp1Δ63 ura3Δ0 VPS3::mGFP-hphNT1</i>	This study
CUY 4824	MATalpha <i>leu2-3,112 ura3-52 his3-Δ200 trp-Δ901 lys2-801 suc2-Δ9 GAL VAM6::natNT2-TEFpr-GFP</i>	Hönscher et al., 2014.
CUY 5096	MATalpha <i>leu2-3,112 ura3-52 his3-Δ200 trp-Δ901 lys2-801 suc2-Δ9 GAL vam2::KanMX VAM6::natNT2-TEFpr-GFP</i>	Ungermann Lab
CUY 13308	MATalpha <i>leu2-3,112 ura3-52 his3-Δ200 trp-Δ901 lys2-801 suc2-Δ9 GAL VAM6::natNT2-TEFpr-GFP VPS11Δ::KanMX</i>	This study

Table S2 - Identified proteins in the Vps3-GFP Pull down

Protein IDs	Gene names	Peptides	Unique peptides	Sequence coverage [%]	Ratio H/L normalized	Intensity
P23643	VPS3	29	29	31.7	192.87	1994700000
P27801;Q12171	PEP3 (VPS18)	27	27	37.5	30.468	1127600000
P12868	PEP5 (VPS11)	19	19	23.1	24.234	962740000
P39702	VPS8	7	7	8.6	23.858	27576000
P20795	VPS33	11	11	17.2	10.131	193370000
P38959	VPS41	6	6	8.5	5.5815	122190000
P40341	YTA12	1	1	1.1	5.4305	14201000
Q03308;REV__P11075	VPS16	9	9	15	5.3809	126840000
Q3E764	TMA7	2	2	21.9	3.7498	108740000
P36017	VPS21	2	2	11.9	2.4173	71488000
Q01896;Q12691;P13587	ENA2;ENA5;ENA1	6	6	8.8	2.2143	82202000
P05030;P19657	PMA1;PMA2	13	13	18.7	2.1101	6889300000
P53313	SDA1	3	2	3.8	2.0881	5266200
P38256	YBR096W	2	2	8.3	1.9662	27161000
Q03516	RSN1	4	4	7	1.9226	34247000
P34167	TIF3	4	4	13.3	1.828	75006000
Q12000	TMA46	3	3	7	1.8118	18435000
P40056	GET2	3	3	23.2	1.7862	55326000
Q12452	ERG27	2	2	5.2	1.7599	26950000
O14467	MBF1	2	2	23.8	1.727	193980000
P53903	PGA2	3	3	33.3	1.7026	67132000
Q04225	RRB1	6	6	15.9	1.6922	85802000
P23301;P19211	HYP2	5	5	37.6	1.685	242740000
P00498	HIS1	4	4	11.8	1.6798	79926000
P05374	CHO2	5	5	7.1	1.6652	32327000
P40047	ALD5	10	9	21.9	1.6479	167960000
P38720;P53319	GND1	12	12	32.7	1.6233	316940000
P10614	ERG11	4	4	10.4	1.6116	25384000
Q12029	FSF1	3	3	10.1	1.5981	12710000
P32353	ERG3	5	5	17.8	1.5882	62673000
P39937	PAC2	2	2	4.1	1.5834	113310000

P37838	NOP4	4	4	6.9	1.5761	58647000
P32466	HXT3	3	3	8.5	1.5664	22733000
Q12109	WRS1	5	5	15.7	1.5442	105550000
P38063	PRS4	5	4	19	1.5368	87974000
P32583	SRP40	2	2	4.7	1.5344	15640000
P32911	SUI1	2	2	29.6	1.5119	17262000
P39106	MNN1	3	3	3.4	1.5067	14810000
P25340	ERG4	2	2	4.4	1.4596	22391000
P27476	NSR1	4	4	12.6	1.4577	293590000
P23615	SPT6	6	6	5.3	1.4538	9526100
P12683;P12684	HMG1;HMG2	4	4	3.8	1.4383	26533000
P38689	PRS3	3	3	13.1	1.4335	35195000
P40055	UTP7	2	2	5.6	1.4334	13429000
P33755	NPL4	6	6	13.6	1.4267	24710000
Q12271	INP53	2	2	1.6	1.4204	5494100
Q03862	ARX1	6	6	19.4	1.4194	153210000
P39727	ERV46	2	2	6.3	1.4136	3129000
P38620	PRS2	3	2	13.2	1.4101	13923000
P46989	ATG27	2	2	11.1	1.4088	14037000
Q07804	YEH1	2	2	4.9	1.4037	7710800
Q3E705	EFG1	3	3	19.7	1.3999	17356000
P53192	GET1	3	3	12.8	1.3976	28339000
Q04013	YHM2	3	3	9.2	1.3861	24740000
Q05543	RTT103	8	8	23.5	1.3848	64402000
P48589	RPS12	5	5	48.3	1.3773	3785500000
P53730	ALG12	3	3	4.9	1.377	17022000
P47122	NPA3	2	2	5.7	1.3717	9094300
P15705	STI1	16	16	32.3	1.3689	624840000
P21954;P53982	IDP1	7	7	23.4	1.3674	63187000
P14906	SEC63	14	14	26.8	1.3645	152640000
P46970	NMD5	3	2	3.4	1.3638	24922000
P48813	GNP1	3	3	5.9	1.3538	55856000
P43585	VTC2	7	7	6.8	1.3465	50675000

Q08986	SAM3	2	2	6.8	1.3453	22819000
P36120	DBP7	2	2	4.4	1.3416	5277800
Q12176	MAK21	6	6	6.9	1.335	26308000
P00950	GPM1	5	5	17	1.3255	590820000
P47102	GEA1	7	7	7.5	1.3174	140850000
P10592	SSA2	31	10	56.5	1.3159	8884600000
P39526	LAA1	3	3	1.7	1.3141	18514000
P40069	KAP123	20	20	21.9	1.3095	1437800000
P25586	KRR1	3	3	12	1.3088	23819000
P45978	SCD6	2	2	11.2	1.3054	7967300
P28274;P38627	URA7	12	12	27.1	1.3045	302270000
P32660	DNF1	2	2	1.8	1.3045	4696700
Q06053	DUS3	2	2	2.7	1.3028	13425000
Q08208	NOP12	5	5	12.2	1.3023	69542000
P38112	MAK5	5	5	7	1.3006	33777000
P40319	ELO3	4	4	13.3	1.3003	123500000
P38264	PHO88	10	10	61.7	1.2986	322800000
Q06506	RRP9	6	6	13.4	1.298	38754000
P33754	SEC66	6	6	27.7	1.2957	36252000
P22213	SLY1	4	4	6.6	1.2934	16510000
P53927	NOP15	3	3	16.8	1.2914	50315000
P47083	MPP10	10	10	21.2	1.2908	85533000
Q08831	VTS1	2	2	5	1.2886	15692000
Q06440	CRN1	6	6	13.1	1.2881	59728000
P25491	YDJ1	13	13	35	1.2868	919850000
P06168	ILV5	5	5	13.9	1.2851	63508000
P33302;Q04182	PDR5	11	11	11.8	1.2839	364060000
Q04175	SXM1	6	6	7.8	1.2804	66753000
P40413	CCT5	10	10	17.1	1.2753	306430000
Q99216	PNO1	2	2	7.3	1.2732	15884000
P29704	ERG9	5	5	11	1.2728	78293000
P54783	ALO1	2	2	4.6	1.2718	7169000
Q07830	GPI13	3	3	3	1.2694	11928000

P16861	PFK1	20	20	29.5	1.2691	1527400000
Q06511	RRP15	5	5	24	1.2656	67652000
P13586	PMR1	6	6	8.2	1.2655	73593000
P39986	SPF1	7	7	8.9	1.2655	91629000
P15565	TRM1	3	3	8.1	1.2618	18627000
P38261	EXO84	3	3	4.6	1.2618	31475000
Q00955;P32874	ACC1	35	35	19.5	1.2612	4551700000
Q08687	TMA16	3	3	17.4	1.2602	13369000
P41543	OST1	3	3	11.1	1.2595	40895000
P32895	PRS1	4	4	17.1	1.2587	115070000
Q03281	HEH2	3	3	5.4	1.2534	40830000
P36081	YKL077W	3	3	5.9	1.2524	9012200
P47008	SFH5	3	3	10.2	1.2521	7911000
P08679	CIT2	3	2	12.6	1.2511	25452000
Q04651	ERV41	4	4	15.6	1.2489	24661000
Q07953	SDO1	2	2	8.8	1.248	7210200
P25045	LCB1	6	6	15.8	1.2475	89722000
Q02892	NOG1	4	4	11.4	1.2454	66972000
Q12746	PGA3	4	4	17.3	1.2451	35730000
P48234	ENP2	2	2	3.1	1.2416	6876500
P27809	KRE2	3	3	8.1	1.2412	23091000
P38069	MNN2	3	3	6.2	1.2403	19221000
Q08004	BUD20	3	3	25.3	1.2391	17519000
P47120	LIA1	5	5	20	1.2374	35800000
P32324	EFT1	10	10	17.3	1.2369	166740000
P34241	URB1	4	4	3.2	1.2346	56566000
Q3E7Z5	YIL002W-A	2	2	33.3	1.2333	57920000
Q04947	RTN1	11	11	48.1	1.2322	1768500000
Q12154	GET3	8	8	28.2	1.2318	265720000
P33401	PGM1	6	5	15.1	1.2316	101480000
P07273	DST1	5	5	15.9	1.2314	62438000
P53877	IPI3	6	6	15	1.2313	44138000
P38993	FET3	2	2	4.2	1.2298	35386000

P32794	AFG2	2	2	4	1.2294	9055300
P39993	GEA2	11	11	11	1.2288	86587000
Q08746	RRS1	4	4	33.5	1.2281	49092000
Q12450;P39704	ERP4;ERP2	2	2	7.2	1.2274	16331000
Q04500	UTP14	5	5	8.8	1.2263	28959000
P38961	RRP8	3	3	8.9	1.225	9494600
P36057	SRP102	1	1	7	1.2224	9909000
P15108	HSC82	28	7	42.4	1.2217	4607700000
P03965	CPA2	15	15	20.2	1.2208	165370000
Q12265	PRS5	2	2	9.7	1.219	49247000
P47912	FAA4	6	4	13	1.2178	83831000
P16521;P53978	YEF3	16	16	17.1	1.2176	1438700000
Q06178;P53204	NMA1;NMA2	2	2	8.7	1.2163	23845000
P53691	CPR6	6	6	14.6	1.2156	90085000
P37898	AAP1	7	5	10	1.214	93401000
Q06218	DBP9	3	3	4.9	1.212	18875000
P10622	RPP1B	1	1	15.1	1.2118	1155900000
P53734	DBP6	6	6	15.3	1.2113	34426000
Q04177	UTP5	5	5	17.1	1.2109	32283000
P38988	GGC1	2	2	6.7	1.2079	19050000
P39076	CCT2	13	13	28.7	1.2078	475630000
P38130	KTR3	2	2	4.2	1.2067	16276000
P42842	EMW1	2	2	2.4	1.2063	5372500
P05319	RPP2A	5	5	79.2	1.2059	4867700000
Q12063	NUS1	3	3	10.7	1.2058	25739000
P47047	MTR4	12	12	13.8	1.2039	95082000
P12612	TCP1	7	7	17.5	1.2038	234040000
P25087	ERG6	6	6	17	1.2016	132730000
Q07844	RIX7	11	11	15.7	1.2014	157800000
P35844	KES1	6	6	17.1	1.2012	63192000
P38342	TSC10	2	2	10.9	1.2004	14054000
P16862	PFK2	9	9	16	1.1982	692600000
P39077	CCT3	12	12	30.5	1.1976	317920000

P26783	RPS5	3	3	14.7	1.1928	834690000
Q04693	RSE1	3	3	3.2	1.1921	12738000
P53261	NOP7	6	6	14	1.1905	171850000
P35194	UTP20	4	4	2.4	1.1845	6883800
Q06406	LSM6	1	1	20.9	1.1841	12849000
P53276	UTP8	6	6	13.9	1.1834	42472000
P53336	YGR283C	2	2	7.9	1.1833	7206900
Q08760	RAX1	2	2	5.3	1.1819	9059600
P47084		3	3	6.6	1.1812	14928000
P32319;REV__P47061;P5375	PEP1	6	6	5.1	1.1802	40281000
Q05942	RSA3	2	2	10.9	1.1797	33539000
P27514	PHO91	7	7	10.1	1.1778	112150000
Q04697	GSF2	8	8	25.3	1.1762	172300000
P07342	ILV2	4	4	8.6	1.176	38242000
P38755	OSH7	3	3	10.8	1.1755	4916700
Q06338	BCP1	4	4	18.7	1.1746	29649000
P40008	FMP52	2	2	10.8	1.1737	10714000
Q03305	RMT2	3	3	11.2	1.1719	104900000
P41895	TFG1	3	3	4.6	1.1706	7681900
P30771	NAM7	4	4	6.1	1.1704	25672000
Q3E757;POCOW9	RPL11B;RPL11A	7	7	42	1.1703	2146600000
Q01855	RPS15	1	1	7.7	1.1702	1078000000
P38144	ISW1	4	4	3.7	1.1685	17876000
P39931	SSP120	3	3	9.8	1.1684	100390000
P43555	EMP47	7	7	20.9	1.1679	98479000
Q05040	FAR8	2	2	4.2	1.1676	20505000
P47079	CCT8	15	15	42.3	1.1648	388890000
P33892	GCN1	36	36	16.9	1.1633	1477300000
P09950	HEM1	3	3	9.9	1.1613	6727800
Q08818	MSC6	2	2	4.3	1.1611	5253200
P32471	EFB1	9	9	64.6	1.1597	878370000
P53859	CSL4	2	2	8.2	1.1596	13576000
P07258	CPA1	2	2	5.4	1.1595	13787000

P38801	LRP1	3	3	17.4	1.1578	10297000
P39685	POM152	5	5	5.2	1.1577	21103000
P38217	KAP104	3	3	3.3	1.1576	25711000
P16474	KAR2	26	25	40.2	1.1569	1332200000
P39007	STT3	2	2	2.1	1.1554	11021000
Q05359	ERP1	4	4	19.6	1.1539	59902000
P35197	GCS1	3	3	9.9	1.1535	17750000
P38238	TRM7	2	2	8.7	1.1527	33765000
Q03496	TRM732	6	6	4.1	1.1518	39294000
P35723	YET1	2	2	10.7	1.1513	38423000
P53843	IST1	2	2	7	1.1513	8637700
P32381	ARP2	2	2	7.4	1.1509	52808000
P53743	ESF2	3	3	11.7	1.1503	6030100
Q01852	TIM44	4	4	12.5	1.1498	27019000
P25617		7	7	31	1.1482	67716000
P36123	SAP190	3	3	4.3	1.147	13592000
Q04264	PDS5	6	6	7	1.1453	50865000
P04801	THS1	7	7	13.6	1.1443	112770000
Q07478	SUB2	4	4	12.1	1.1439	37126000
P33767	WBP1	3	3	10	1.1435	27290000
P00958	MES1	15	15	21.7	1.142	366190000
P41819	DIM1	2	2	6.9	1.1411	38386000
P53079	COG1	4	4	11.3	1.1411	24089000
P21269	CCA1	3	3	7.7	1.1403	16076000
Q12035	FCF2	3	3	22.1	1.1403	42376000
P53600	RET3	5	5	38.1	1.1399	95558000
P30665	MCM4	2	2	3.3	1.1397	8939000
P38694	MSC7	7	7	12.9	1.1397	81485000
P39998	EDC3	3	3	8.7	1.1384	17090000
P04802	DPS1	9	9	17.8	1.138	190650000
P43556	RGD2	2	2	5.9	1.1379	11656000
Q04347	BUD22	4	4	8.9	1.1363	13352000
P47006	RPA34	8	8	45.9	1.1357	513490000

P53847	DSL1	3	3	4	1.1357	10883000
Q12136	SAS10	3	3	5.6	1.1351	30957000
P40079	LCP5	2	2	3.9	1.1345	18376000
P38272	SHE3	5	5	12.5	1.1343	52897000
P38697;P39567	IMD2	11	5	37.7	1.1343	99584000
P53883	NOP13	11	11	30.8	1.1342	117340000
P39078	CCT4	7	7	16.5	1.1337	160470000
P33299	RPT1	4	4	9.2	1.1336	178010000
Q08412	CUE5	4	4	9.5	1.1335	20599000
P32790	SLA1	4	4	2.8	1.1332	21363000
P36775	PIM1	7	7	6.5	1.133	26952000
P32563	VPH1	7	7	12.4	1.131	255400000
P38333	ENP1	5	5	17.4	1.131	32836000
Q08745;P46784	RPS10A;RPS10B	5	5	40	1.1306	1523500000
P04050	RPO21	6	6	5.1	1.1305	74786000
P25574	EMC1	3	3	3.4	1.1305	14656000
P53723		3	3	8.2	1.1303	58016000
P39109	YCF1	8	8	8.3	1.1301	103160000
P25360	PHO87	2	1	2.6	1.1298	10254000
P32259	SIN4	5	5	7.1	1.1293	25647000
P39079	CCT6	8	8	19	1.1272	198520000
Q12220	DIP2	6	6	6.7	1.1265	21022000
P36051	MCD4	3	3	4.8	1.1251	12390000
P53941	IMP4	3	3	10.7	1.1246	17712000
POCX36;POCX35	RPS4B;RPS4A	6	6	37.2	1.1244	417890000
P42945	UTP10	7	7	5.3	1.1238	42749000
P02294;P02293	HTB2;HTB1	2	2	15.3	1.1227	316740000
P32463	ACP1	3	3	35.2	1.1226	16641000
P32349	RPC82	2	2	4.3	1.1206	7703000
Q02776	TIM50	6	6	16.8	1.1204	65281000
P47089	TMA22	4	4	23.2	1.1198	42704000
P46672	ARC1	6	6	15.4	1.1194	149890000
P33201	MRT4	6	6	30.9	1.1193	220740000

P07281;P07280	RPS19B;RPS19A	4	4	34	1.1191	1560500000
P11484	SSB1	19	1	52.7	1.1169	8570900000
P38250	IST2	10	10	12.9	1.1168	113620000
POC2H8	RPL31A	5	1	60.2	1.1166	1249700000
Q05515	SVF1	3	3	6.9	1.1166	36279000
P31384	CCR4	3	3	3.6	1.1164	14851000
P47117	ARP3	2	2	10	1.1162	24672000
P05750	RPS3	5	5	19.6	1.1157	760320000
P14127;P02407	RPS17B;RPS17A	5	5	51.5	1.1154	853550000
P40462	TMA108	12	12	19.5	1.1143	113140000
P05748;P54780	RPL15A;RPL15B	3	3	17.6	1.114	676770000
P26637	CDC60	5	5	6.1	1.1139	23940000
POCX28;POCX27	RPL42B;RPL42A	2	2	8.5	1.112	105630000
P39006	PSD1	3	3	8.6	1.1119	8964100
P32074	SEC21	10	10	19.5	1.1118	186100000
P22224	SEC15	4	4	5.5	1.1111	10684000
P53221;P05743	RPL26B;RPL26A	4	4	32.3	1.1101	1863000000
P29055	SUA7	3	3	12.2	1.1099	18658000
P53860	PDR16	5	5	15.1	1.1094	36784000
P28007	GAR1	3	3	16.6	1.1087	94549000
P53145	LSG1	9	9	18.4	1.1082	73500000
P07213	TOM70	8	8	19.4	1.1081	221340000
Q05946	UTP13	9	9	18.1	1.1079	44955000
P14020	DPM1	4	4	14.2	1.1064	62276000
P08566	ARO1	18	18	15.7	1.1062	302810000
P53721	RCF2	3	3	19.2	1.106	20704000
P06367;P39516	RPS14A;RPS14B	3	3	24.1	1.1049	349260000
P33775	PMT1	3	3	4.8	1.1048	43523000
P16603	NCP1	4	4	8.1	1.1044	30821000
POCX54;POCX53	RPL12B;RPL12A	6	6	50.9	1.1026	1332900000
Q02642	EGD1	5	5	44.6	1.1023	975670000
P25567	SRO9	7	7	20.5	1.1022	369190000
P24280	SEC14	7	7	31.2	1.1019	83697000

P0CX38;POCX37	RPS6B;RPS6A	5	5	31.4	1.1015	1168400000
P53629	ARE2	2	2	3.3	1.1015	32101000
P39015	STM1	9	9	50.2	1.1008	1187500000
P26793	RAD27	2	2	6.3	1.1002	4929600
P38878	LNP1	3	3	17.6	1.0993	31519000
Q06679	UTP4	5	5	9.4	1.0989	30211000
P23644	TOM40	2	2	7	1.0981	12655000
P32264	PRO1	3	3	10.7	1.0976	32091000
P54781	ERG5	3	3	6.3	1.0975	19968000
Q08285	RRP40	2	2	8.8	1.0974	10375000
Q03648		4	4	8.3	1.0971	21675000
Q12321	MED1	3	3	7.4	1.0971	16867000
P38221	CDS1	4	4	8.8	1.0964	100240000
P18239;P18238	PET9	5	5	16.4	1.0951	364670000
P42943	CCT7	12	12	30.9	1.0943	572710000
P41810	SEC26	14	14	21	1.093	533720000
P34237	COY1	10	10	15.5	1.0929	52920000
P32569	SRB4	3	3	3.8	1.0925	11729000
P47076	RPC17	2	2	21.1	1.0923	10393000
P33298	RPT3	4	4	13.1	1.0909	91102000
P47160	ENT3	4	4	11.5	1.0905	23707000
P12385	SUP45	13	13	39.6	1.0902	264770000
P38882	UTP9	7	7	13.7	1.0899	63349000
P25374	NFS1	3	3	10.1	1.0897	62468000
P19882	HSP60	14	14	36.9	1.0895	978230000
P46964	OST2	1	1	13.1	1.0893	14171000
P49089	ASN1	12	10	33.2	1.0889	1625600000
P41811	SEC27	17	17	40.7	1.0881	424620000
P06169	PDC1	9	9	29.5	1.088	329430000
P53011	SEH1	3	3	6.9	1.0867	10011000
Q04373	PUF6	4	4	5.9	1.0866	76162000
P39926	SSO2	2	1	9.5	1.0865	6488100
P38225	FAT1	3	2	4.3	1.0863	25325000

P11075	SEC7	20	20	14.8	1.0862	232600000
Q12118	SGT2	6	6	13.6	1.0859	96361000
P38711;P35997	RPS27B;RPS27A	3	3	50	1.0858	632350000
P38996	NAB3	2	2	3.6	1.0851	10628000
P38219	OLA1	3	3	13.2	1.0849	109090000
Q12125	GET4	4	4	17	1.0844	59732000
P38682	GLO3	5	5	15.4	1.0843	87891000
POCX56;POCX55	RPS18B;RPS18A	6	6	42.5	1.0838	2001600000
Q12019	MDN1	31	31	7.9	1.0829	343500000
P40024	ARB1	11	11	19.2	1.0827	608350000
P38708	YHRO20W	10	10	19.5	1.0826	251130000
P38737	ECM29	8	8	5.5	1.0826	44555000
Q12680	GLT1	5	5	2.6	1.0821	30359000
P46677	TAF1	2	2	2.1	1.082	8871000
P56628	RPL22B	3	2	46.7	1.0813	60281000
P15180	KRS1	5	5	9.8	1.0795	60537000
P40010	NUG1	13	13	31.9	1.0794	198690000
P32386;P38735	YBT1	14	14	10.6	1.0793	201710000
P12904	SNF4	4	4	18	1.0777	43050000
P38707	DED81	7	7	18.1	1.0777	103650000
Q06169	PEX30	4	4	14.7	1.0777	26999000
Q01560	NPL3	4	4	11.4	1.0771	87343000
P07703	RPC40	6	6	31.3	1.0769	135330000
P40327	RPT2	12	12	42.6	1.075	351190000
P40531	GVP36	7	7	32.5	1.075	83976000
P07560	SEC4	6	6	39.1	1.0748	88805000
P32568	SNQ2	3	3	1.9	1.0747	31559000
Q3E754;POCOV8	RPS21B;RPS21A	3	3	35.6	1.073	867520000
Q12250	RPNS	10	10	27	1.0729	165700000
P32445	RIM1	2	2	23	1.0723	63495000
Q12285	MDY2	7	7	43.9	1.072	169340000
P26784	RPL16A	10	6	44.7	1.0717	253750000
P16649	TUP1	6	6	13.7	1.071	34887000

P29547	CAM1	7	6	20.2	1.071	95367000
POCX85;POCX84	RPL35B;RPL35A	5	5	25	1.0708	2067100000
P38129	TAF5	4	4	7.8	1.0708	36109000
P02400	RPP2B	5	5	81.8	1.0701	2119600000
P20448	HCA4	3	3	6.1	1.07	24352000
Q08421	ETT1	7	7	18.7	1.0699	187000000
P43621	RET2	3	3	8.1	1.0698	159120000
Q99207	NOP14	3	3	4.7	1.0693	27397000
P29468	PAP1	3	3	6.7	1.0691	25122000
Q07897	CMS1	2	2	9.3	1.0673	21391000
P08964	MYO1	3	3	2.1	1.0672	9420900
P08524	ERG20	3	3	12.8	1.0666	16535000
Q08689	NAT5	3	3	34.7	1.0665	38688000
Q92316	OST5	2	2	23.3	1.0658	11465000
P19524	MYO2	18	18	16.6	1.0655	107060000
P40350	ALG5	4	4	10.5	1.0651	38152000
P50085	PHB2	3	3	8.7	1.0648	32814000
P32366	VMA6	3	3	13.9	1.0644	102700000
P32597	STH1	3	3	2.6	1.0643	5542000
P15646	NOP1	5	5	14.7	1.0636	210170000
P20436	RPB8	1	1	14.4	1.0635	33086000
P15367	SEC11	2	2	13.2	1.0633	89848000
Q02354	UTP6	2	2	3.6	1.0633	3740200
P38883	RIX1	3	3	5.2	1.0631	797370000
Q06142	KAP95	3	3	6.2	1.0614	26803000
P22138	RPA135	8	8	14	1.0612	203580000
P04456	RPL25	6	6	49.3	1.061	1804400000
Q12754	RRP12	4	4	5.6	1.0608	39144000
Q12464	RVB2	7	7	22.7	1.0607	83835000
P36421	TYS1	6	6	13.7	1.0605	69456000
P40540	EMC5	3	3	24.1	1.0597	20457000
P36008	TEF4	10	9	27.7	1.0587	481960000
P53622	COP1	14	14	14.6	1.0585	382740000

POC2H9	RPL31B	5	1	60.2	1.0583	124800000
Q07362	PBP4	2	2	11.9	1.0573	12770000
P10962	MAK16	2	2	6.5	1.0571	13137000
P47018	MTC1	6	6	15.9	1.0571	45445000
P38061	RPL32	4	4	29.2	1.0568	498780000
P38886	RPN10	2	2	10.4	1.0568	42012000
P40157	VID27	3	3	3.7	1.0563	14307000
P38701	RPS20	7	7	66.1	1.0562	877290000
P20434	RPB5	5	5	42.8	1.056	74276000
P38764	RPN1	18	18	23.8	1.0558	484300000
Q12018	CDC53	14	14	26.6	1.0553	137490000
P09032	GCD1	10	10	27.3	1.0548	139860000
P46655	GUS1	11	11	19.9	1.0547	191490000
P23248	RPS1B	11	4	53.7	1.0546	477280000
Q12387	MDM20	3	3	3.5	1.0532	15306000
P29453	RPL8B	17	5	65.2	1.0524	6585300000
Q12496		13	13	15	1.0514	102360000
P07260	CDC33	4	4	30.5	1.0511	341410000
P31412	VMA5	3	3	13	1.0509	9794500
Q03195	RLI1	3	3	5.8	1.0509	62041000
P38788	SSZ1	11	11	24.9	1.0505	1634500000
Q02201	OSH6	5	5	12.7	1.0501	34082000
Q06287	EMG1	3	3	13.1	1.0501	21738000
P05318	RPP1A	3	3	50.9	1.0494	749080000
P40094	COG3	8	8	11.9	1.0494	49944000
POCX52;POCX51	RPS16B;RPS16A	7	7	40.6	1.0484	242670000
P46990;P05740	RPL17B;RPL17A	5	5	35.9	1.0479	3013800000
P10591	SSA1	28	7	58.3	1.0467	578130000
P38011	ASC1	7	7	38.6	1.0467	673480000
P89105	CTR9	6	6	6.1	1.0452	46593000
P25293	NAP1	4	4	15.1	1.0436	78849000
P53959	COG6	7	7	11	1.0431	53835000
P17076	RPL8A	15	3	61.7	1.043	220950000

P89102	SEC5	3	3	2.8	1.043	64675000
P32589	SSE1	18	17	29.7	1.0429	701400000
Q05468	RQC1	6	6	7.3	1.0429	24712000
Q02931	NAN1	5	5	9.8	1.0425	37633000
Q3E790	TSC3	1	1	12.5	1.0425	32152000
P25339	PUF4	6	6	10.4	1.0414	85816000
P38879	EGD2	3	3	32.2	1.0413	491640000
P25294	SIS1	9	9	25.6	1.0412	473960000
P33332	SEC3	11	11	10.4	1.041	62090000
POCX24;POCX23	RPL20B;RPL20A	3	3	24.4	1.0405	888880000
P25847	MSH2	4	4	5.6	1.0403	13603000
Q08723;REV__Q08641	RPN8	5	5	20.1	1.0403	89864000
P10081	TIF1	4	4	17.2	1.0399	68943000
P40557	EPS1	2	2	2.9	1.0399	46645000
P07259	URA2	38	38	22.7	1.0397	1751100000
P33442	RPS1A	11	4	50.6	1.039	2060200000
P38631;P40989	FKS1	7	7	6	1.039	125260000
P40961	PHB1	6	6	41.5	1.039	65183000
P05739	RPL6B	11	8	47.7	1.0382	5746700000
Q07451	YET3	4	4	21.2	1.0382	65211000
P39002	FAA3	4	2	5.3	1.0381	23577000
P22140	EPT1	1	1	3.3	1.0369	25088000
Q03940	RVB1	7	7	17.9	1.0369	129520000
P43609	RSC8	6	6	14.4	1.0362	29598000
Q04062	RPN9	9	9	26.7	1.0353	379470000
P40075	SCS2	6	6	38.5	1.0352	160380000
P05737	RPL7A	8	1	41.4	1.0347	3356700000
P33297	RPT5	9	9	36.2	1.0347	289880000
P05317	RPP0	6	6	29.8	1.0346	1487600000
P32803	EMP24	1	1	8.4	1.0345	14346000
P40016	RPN3	6	6	15.9	1.0345	237180000
P48570	LYS20	4	2	14.7	1.0332	140150000
P38797	PTC7	3	3	12.5	1.0329	9026000

Q6Q547	NOP10	2	2	37.9	1.0323	69176000
P32588	PUB1	4	4	11.9	1.0322	150070000
P32832	NPL6	4	4	11	1.0308	16288000
P38902	RPB11	2	2	20.8	1.0293	25823000
P40509	SEC28	6	6	33.1	1.0288	174160000
P32496	RPN12	9	9	46	1.0284	352800000
Q02753;Q12672	RPL21A;RPL21B	5	5	43.1	1.028	1109500000
Q05022	RRP5	36	36	30.2	1.0276	521210000
P10964	RPA190	27	27	21.8	1.0273	772030000
P32527	ZUO1	11	11	40.4	1.0273	429670000
P38811	TRA1	3	3	1	1.0265	11190000
P25303	SCJ1	2	2	7.2	1.0261	22778000
POC2H6;POC2H7	RPL27A;RPL27B	9	9	68.4	1.0253	1938500000
P28000	RPC19	4	4	43	1.0248	31300000
P46675	STU2	2	2	2.9	1.0248	8586800
P13382	POL1	2	2	1.2	1.0245	9963100
P19414	ACO1	7	7	14	1.024	122770000
Q01080	RPA49	7	7	24.3	1.0234	120940000
P32342	SRP21	1	1	11.4	1.0233	45670000
Q04781	RKR1	7	7	4.7	1.0231	34736000
P36161	NUP133	4	4	5.2	1.0228	25903000
POCX30;POCX29	RPS23B;RPS23A	2	2	26.9	1.0216	26494000
P38986	ASP1	6	6	19.4	1.0215	118220000
Q08965	BMS1	2	2	2.1	1.0208	23960000
Q06706	IKI3	5	5	4.4	1.0206	54339000
P32565	RPN2	12	12	14.5	1.0201	274740000
P32368	SAC1	12	12	31.1	1.019	245670000
P32902	MRP4	3	3	10.7	1.0186	16374000
P25694	CDC48	18	18	30.8	1.0181	490990000
P14907	NSP1	4	4	6.2	1.0177	48266000
P49090	ASN2	6	4	17.7	1.0176	25281000
P38629	RFC3	7	7	30.6	1.0171	68233000
P40302	PRE5	3	3	21.8	1.0169	53956000

Q12159	YRA1	4	4	15	1.0162	190650000
P49167	RPL38	3	3	38.5	1.0158	124880000
POCX83;POCX82	RPL19B;RPL19A	4	4	27	1.0156	141630000
P10664	RPL4A	5	2	13.5	1.0156	745280000
P50095;O42831	IMD3	13	7	43.2	1.0153	1429600000
P15442	GCN2	2	2	1.6	1.0148	8824800
P30822	CRM1	15	15	14.8	1.0148	428060000
P32379	PUP2	3	3	16.9	1.0146	83028000
P33333	SLC1	7	7	28.7	1.0142	127900000
P02406	RPL28	7	7	43	1.0141	1600300000
Q01939	RPT6	8	8	26.7	1.0141	233930000
P38555;P51996	YPT31	4	4	24.7	1.014	52400000
P20049	TYR1	4	4	10.6	1.0139	13269000
Q03103	ERO1	3	3	7.8	1.0136	22874000
P32776	TFB1	2	2	4.8	1.0134	4857600
Q04779	RCO1	3	3	5.7	1.0131	5998700
P38754;P36105	RPL14B;RPL14A	5	5	26.1	1.0129	659850000
P22936	APN1	2	2	5.4	1.0126	6404900
POCX44;POCX43	RPL1B;RPL1A	11	11	41.9	1.0125	1446400000
Q03973	HMO1	3	3	17.5	1.0118	36660000
P47077	NOP9	4	4	7.1	1.0111	17263000
P20606	SAR1	3	3	23.7	1.011	52088000
P43593	UBP6	5	5	15.2	1.0103	46354000
P14741	GCN3	5	5	17.7	1.0102	76442000
P21243	SCL1	4	4	21.8	1.0102	20619000
P25443	RPS2	5	5	39	1.01	1043400000
P33750	SOF1	2	2	8	1.0098	18363000
P32558	SPT16	5	5	5.9	1.009	27035000
P48164	RPS7B	13	6	57.4	1.0088	1569700000
P22202;P09435	SSA4;SSA3	7	2	11.5	1.0086	14611000
POCX48;POCX47	RPS11B;RPS11A	3	3	16	1.0085	195790000
P05738	RPL9A	7	2	35.1	1.0084	3206200000
P05749	RPL22A	4	3	65.3	1.008	1424500000

Q12402	YOP1	1	1	6.7	1.0079	29643000
Q02326	RPL6A	9	6	48.9	1.0078	736440000
Q07527	TRM3	5	5	4.7	1.0077	16076000
P00359	TDH3	11	3	57.2	1.0074	942040000
P23639	PRE8	3	3	11.6	1.0072	68482000
Q08954	YPL199C	2	2	10	1.0067	13787000
P38431	TIF5	10	10	37.5	1.0058	278530000
P05755;O13516	RPS9B;RPS9A	3	3	15.4	1.0056	716460000
P53914	KRE33	9	9	10.9	1.0056	122940000
Q12460	NOP56	11	10	26.8	1.0056	871870000
P40471	AYR1	1	1	5.7	1.0052	20619000
POCX32;POCX31	RPS24B;RPS24A	4	4	44.4	1.0038	395370000
P34160	STO1	3	3	3.9	1.0038	21062000
Q3E7Y3;POCOW1	RPS22B;RPS22A	2	2	18.5	1.0029	258050000
P49626	RPL4B	5	2	13.5	1.0011	39690000
P26785	RPL16B	11	7	35.9	1.0003	493730000
P48231	TCB2	5	5	5.7	1.0003	31263000
P41805	RPL10	6	6	24.9	0.99934	471440000
P14922	CYC8	4	4	6.1	0.99799	35165000
P52593	NUP188	3	3	1.6	0.99786	20604000
P46971	PMT4	3	3	5.4	0.99762	11100000
P00549	CDC19	14	14	42	0.99761	1038100000
P25655	CDC39	7	7	5.9	0.99696	49509000
P42949	PAM16	2	2	16.1	0.99689	44618000
Q03088	SVL3	4	4	4.7	0.99688	23282000
P20447	DBP3	9	9	26	0.99608	131180000
P41834	UFE1	2	2	8.1	0.99582	15934000
Q07807	PUF3	7	7	10.8	0.99577	35977000
P06105	SCP160	38	38	36.7	0.99451	1371200000
P39985	POL5	4	4	4.5	0.99416	21764000
P01123	YPT1	2	2	9.7	0.99383	44248000
Q3E792	RPS25A	3	1	30.6	0.9931	150200000
P02829	HSP82	26	5	38.8	0.99248	136070000

P50094	IMD4	11	9	40.1	0.9924	284650000
P35732	DEF1	10	10	21.1	0.9916	95421000
P40150	SSB2	19	1	52.7	0.99033	169110000
P26786	RPS7A	13	6	63.2	0.98929	580260000
P26321	RPL5	4	4	24.6	0.98803	163860000
P53114	NUT1	3	3	2.7	0.98699	12582000
P43573	BUD27	6	6	9	0.98679	26714000
P38203	LSM2	3	3	36.8	0.9867	41101000
Q03532	HAS1	6	6	13.9	0.9867	68320000
Q12499	NOP58	13	12	36.8	0.98636	455500000
Q03280	TOM1	6	6	2.4	0.98539	43471000
P21827	SRM1	2	2	5	0.98515	12687000
P40345	LRO1	3	3	6.7	0.98497	15752000
P46995	SET2	2	2	2.9	0.9841	13860000
Q06344	ESF1	5	5	11	0.98369	24957000
Q08972	NEW1	20	20	21.4	0.98368	510490000
P04449	RPL24A	6	2	23.2	0.98226	732140000
P46985	MNN11	3	3	9	0.98165	14249000
P00815	HIS4	9	9	14.5	0.98101	138800000
Q03010	UME1	4	4	12	0.97964	24667000
P33322	CBF5	8	8	20.7	0.97949	77792000
P32481	GCD11	10	10	22.8	0.97902	216090000
P39935	TIF4631	11	11	19.9	0.97902	113350000
P38805	RPF1	2	2	10.2	0.9787	29203000
P22134	MAG1	3	3	9.8	0.97865	39379000
P43588	RPN11	4	4	18.3	0.97834	113850000
P14120	RPL30	4	4	53.3	0.97814	680140000
P10659	SAM1	7	3	27	0.9778	140040000
P39676	YHB1	2	2	8	0.97756	11842000
P40070	LSM4	3	3	15	0.97729	49806000
P49723	RNR4	6	6	20.9	0.97684	31658000
Q12377	RPN6	11	11	32.5	0.97681	360950000
Q12133	SPC3	2	2	13	0.97672	16574000

P25632	RSC6	3	3	7.5	0.97529	10601000
P42846	KRI1	8	8	15.4	0.97525	112370000
P25367	RNQ1	2	2	10.6	0.97478	124210000
Q06631	BFR2	6	6	16.1	0.97458	52542000
P53741	BRE5	7	7	23.7	0.97415	76395000
P36080	RRP14	2	2	4.4	0.9734	9128200
P32861	UGP1	6	6	19	0.97314	35188000
P33338	SLA2	5	5	7	0.97198	75644000
P53549	RPT4	6	6	16	0.97046	462290000
P32502	GCD7	5	5	21.3	0.97039	62703000
Q06839	YPR097W	13	13	16.7	0.96966	118680000
P20459	SUI2	10	10	38.5	0.96875	253970000
P25298	RNA14	3	3	4.3	0.96828	14940000
P25555	GBP2	2	2	6.6	0.96814	25655000
P09440	MIS1	18	18	21.9	0.96761	384920000
P24000	RPL24B	5	1	23.2	0.96737	140830000
P36049	EBP2	10	10	27.9	0.96576	175480000
P06634	DED1	8	8	19.4	0.96518	112580000
P34110;REV__Q3E747;REV_	VPS35	5	5	7.1	0.96426	26514000
P20433	RPB4	2	2	19.9	0.96396	11670000
Q12447	PAA1	4	4	30.4	0.96345	79513000
P29478	SEC65	4	4	20.9	0.96341	45877000
P36144	UTP30	3	3	10.9	0.96297	5325000
P38251	RFC5	4	4	16.4	0.96294	24954000
P48836	VMA10	3	3	36.8	0.96265	93092000
P32419	MDH3	9	9	40.8	0.96093	244210000
Q08951	APL5	4	4	5.8	0.96084	35392000
Q02792	RAT1	2	2	2.7	0.95924	15858000
Q99257	MEX67	5	5	11.9	0.95867	57590000
P20051	URA4	4	4	13.2	0.95845	52559000
P36036	YRA2	2	2	16.3	0.95799	7092700
Q12267	SMC4	3	3	2.5	0.95779	5729800
P38295	EHT1	3	3	11.3	0.95777	9099800

P38912	TIF11	2	2	13.7	0.95753	22110000
Q02793	SKI8	2	2	4.5	0.95737	13754000
P38825	TOM71	8	8	13	0.95709	74133000
P32787	MGM101	5	5	25.7	0.9569	27786000
P08518	RPB2	2	2	2.2	0.95686	16410000
Q03497	STE20	3	3	3.6	0.95635	12576000
Q06106	MRD1	5	5	8.6	0.95633	29129000
P47069	MPS3	2	2	3.7	0.9556	6305000
P16550	APA1	7	7	28.7	0.95533	125240000
P38861	NMD3	3	3	6.9	0.95502	22894000
Q08162	DIS3	2	2	2.8	0.95499	9412400
P47061	VPS53	2	2	1.8	0.95436	10786000
Q04673	SSL1	2	2	4.1	0.95431	4150400
Q12024	YTM1	4	4	10.2	0.95416	57859000
P19097	FAS2	48	48	37.2	0.95321	2363600000
P39744	NOC2	4	4	6.5	0.95314	55522000
P07149	FAS1	28	28	18.6	0.95269	1438700000
P53550	DCP2	6	6	7.7	0.95231	61186000
P33307	CSE1	5	5	10.6	0.95224	29022000
P00358	TDH2	11	2	54.8	0.95194	78311000
P06103	PRT1	10	10	17.4	0.95172	365370000
P32497	NIP1	9	9	13.2	0.94996	314670000
P05759;POCH09;POCH08;POC	RPS31;RPL40B;RPL40C	6	6	43.4	0.94843	763020000
P32916	SRP101	7	7	18.5	0.94824	79691000
P40991	NOP2	7	7	14.1	0.94814	103330000
Q12522	TIF6	1	1	6.9	0.94799	22094000
Q04660	ERB1	6	6	9.5	0.94772	101600000
P00899	TRP2	3	3	5.5	0.94726	28962000
P32908	SMC1	10	10	8.7	0.94603	106690000
P36160	RPF2	2	2	6.7	0.94507	70046000
Q05567	DPL1	7	7	19.7	0.94506	149760000
P32639	BRR2	9	9	5.2	0.94504	40980000
P38934	BFR1	18	18	40.6	0.94382	757080000

P36018	YPT52	2	2	17.9	0.94373	48346000
Q99383	HRP1	4	4	12.9	0.94365	62595000
P46669	RPA43	6	6	16	0.94313	279300000
P40217	TIF34	11	11	36	0.94289	435090000
Q12165	ATP16	2	2	32.5	0.94276	23026000
P08417	FUM1	2	2	5.5	0.94227	17541000
P39524	DRS2	6	6	6.8	0.94157	36094000
P43535	GCN20	15	15	27.9	0.94105	563630000
P80210	ADE12	2	2	4.8	0.94091	5031400
P38174	MAP2	5	5	15	0.94051	34383000
P21560	CBP3	5	5	15.5	0.94022	29591000
P22146	GAS1	4	4	13.8	0.93985	71669000
P30902	ATP7	3	3	25.3	0.93926	37205000
P47037	SMC3	11	11	12.7	0.9392	110800000
P41911	GPD2	4	3	15.9	0.93917	99778000
P02994	TEF1	14	14	48.5	0.93843	12637000000
P32523	PRP19	4	4	9.3	0.93834	24548000
P32939	YPT7	3	3	16.3	0.93734	102430000
P22579	SIN3	11	11	7.5	0.93695	62523000
P40362	UTP18	3	3	7.6	0.93525	44318000
P38199	HEK2	3	3	9.2	0.93513	30507000
P41056	RPL33B	3	1	37.4	0.93439	58628000
P38164	SEA4	2	2	2.7	0.9339	7043500
P29295	HRR25	2	2	3.6	0.93264	5386000
Q06103	RPN7	6	6	18.9	0.93153	122220000
P0C2J3;Q03494;Q12491;Q12492;TY2B-LR1;TY2B-DR2;		2	1	1.4	0.93135	8573500
P37292	SHM1	7	7	21.4	0.93113	80906000
P32495	NHP2	2	2	27.6	0.92989	108680000
P50086	NAS6	4	4	17.1	0.92966	24299000
Q06632	CFT1	5	5	5.1	0.92859	18879000
P52286	SKP1	2	2	10.3	0.92851	26440000
P32591;REV__P46958	SWI3	4	4	6.2	0.92848	18688000
P14126	RPL3	11	11	33.3	0.92831	2472500000

Q04969	SPC2	3	3	21.9	0.92752	20624000
P39904	VPS52	5	5	11.1	0.92745	13640000
P40477	NUP159	2	2	1.6	0.92734	9736300
P39517	DHH1	4	4	8.3	0.92714	75203000
P39936;REV__P34078	TIF4632	7	7	10.8	0.92662	41880000
P38630	RFC1	2	2	2	0.92616	4349000
P04147	PAB1	16	16	36.2	0.92511	2495800000
P25582	SPB1	4	4	4.4	0.92491	128580000
P51401	RPL9B	6	1	31.4	0.92491	41727000
P38249	RPG1	19	19	23.1	0.92475	525100000
P07256	COR1	4	4	12	0.92207	13000000
P53141	MLC1	6	6	32.2	0.92198	67849000
P38323	MCX1	4	4	10	0.92159	25798000
P37291	SHM2	9	9	26.7	0.9213	89224000
P35189	TAF14	2	2	6.6	0.92122	17460000
P40348	RFC2	5	5	21	0.92061	40052000
Q01662	MAP1	4	4	17.1	0.92044	77125000
POC216;P47098;Q03612;Q03	TY1B-LR3;TY1B-JR1;1	9	0	6.8	0.92035	294280000
P09064	SUI3	11	11	41.4	0.91961	203120000
P31374	PSK1	3	3	2.9	0.91943	9816400
P38759	VPS29	2	2	11.7	0.91895	23916000
Q99316	MPD2	2	2	6.9	0.91858	10112000
P38850	RTT107	2	2	2.2	0.9182	9612200
P05626	ATP4	6	6	27	0.91789	52692000
P15625	FRS2	6	6	12.3	0.91733	36128000
P38523	MGE1	2	2	16.2	0.91721	15473000
P19263	RGR1	2	2	2.9	0.91707	13587000
P23201	SPA2	3	3	3.5	0.91688	18263000
P34248		5	5	10.6	0.91606	42306000
P25644	PAT1	3	3	6.8	0.91582	25864000
P89886	TMA20	6	6	39.2	0.91574	90620000
P07248	ADR1	3	3	2.9	0.91569	6177000
P53040	TAF6	4	4	11.4	0.91483	8804000

Q12034	SLF1	4	4	13	0.91426	19706000
P45976	FIP1	4	4	21.1	0.91416	28461000
Q12234	RUD3	4	4	11	0.9141	31724000
P32521	PAN1	3	3	3.9	0.91325	18153000
P33399	LHP1	2	2	11.3	0.91312	15233000
P40215	NDE1	11	11	24.8	0.91303	158760000
P18759	SEC18	11	11	20.2	0.91262	121910000
P42941	SER2	2	2	8.4	0.9115	5093800
P49334	TOM22	2	2	29.6	0.9111	40160000
P32501	GCD6	5	5	7.9	0.911	80230000
P33441	MFT1	2	2	7.1	0.91096	11006000
P35191	MDJ1	2	2	5.7	0.90979	126650000
POCS90;P39987	SSC1	17	17	34.9	0.90938	952620000
Q05775	HCR1	3	3	16.2	0.90885	110240000
P35207	SKI2	7	7	7.1	0.90867	29024000
P38968	SEC31	16	16	16.3	0.90716	247250000
Q03640	TCB3	17	17	16.1	0.90611	200720000
P12945	NAT1	7	7	9.7	0.90474	60280000
P38688	SRP72	7	7	10.8	0.90302	48739000
P38297	FZO1	3	3	4.3	0.90282	15508000
Q02204	MRPL13	4	4	28	0.90221	35292000
Q03016	GIP3	4	4	3.4	0.90212	5445300
P40825	ALA1	7	7	7.5	0.90197	54494000
P32465	HXT1	2	2	4.9	0.90128	40330000
P22214	SEC22	2	2	14.5	0.901	11695000
P34078	LTV1	2	2	4.1	0.90068	11425000
POCX50;POCX49	RPL18B;RPL18A	2	2	19.4	0.90054	119650000
P20084	MRPL33	2	2	23.3	0.89952	17861000
P38632	MMS21	2	2	9.7	0.89846	8306000
P53075	SHE10	7	7	14	0.89828	141530000
P20424	SRP54	4	4	8.5	0.89824	45039000
P39692	MET10	8	8	11.7	0.89791	37329000
Q03124	RSC9	2	2	5	0.8964	10718000

P25368	RRP7	2	2	7.1	0.89633	28231000
P41807	VMA13	9	9	22.8	0.89623	225040000
P38077	ATP3	7	7	29.9	0.89566	144860000
P40202	CCS1	3	3	17.7	0.89535	47228000
P05694	MET6	4	4	6.9	0.89526	39051000
Q04491	SEC13	4	4	12.1	0.8943	146970000
P05744	RPL33A	3	1	37.4	0.89341	156610000
P36048	SNU114	2	2	2	0.89276	11423000
Q04632	COG8	2	2	6.8	0.89241	6429000
P21242	PRE10	4	4	18.1	0.89229	23626000
Q08179	MDM38	12	12	29.5	0.89215	111510000
P11745	RNA1	5	5	20.9	0.89103	79282000
Q07457	BRE1	14	14	27	0.89075	77270000
P25343	RVS161	4	4	22.3	0.8905	82776000
P17555	SRV2	10	10	28.7	0.88996	135780000
P38845	CRP1	10	10	33.3	0.88852	171440000
P25386	USO1	33	33	20.9	0.88823	352460000
P05453	SUP35	10	10	18.7	0.88741	252970000
Q02821	SRP1	3	3	8.7	0.88576	56928000
Q03661	ESC1	5	5	4.5	0.88575	15198000
P38985	SRP14	3	3	24	0.88534	51322000
P40078	NSA2	3	3	20.7	0.8822	11571000
P38779	CIC1	5	5	16.2	0.88193	55639000
Q07878	VPS13	15	15	6.7	0.8809	106490000
P47068	BBC1	8	8	8.3	0.87959	74398000
P21306	ATP15	2	2	56.5	0.8791	16244000
P09734	TUB3	4	2	11	0.87872	27324000
Q92331	VPS5	3	3	4	0.87836	22346000
P19146;P11076	ARF2;ARF1	1	1	11.6	0.87719	15362000
P31383	TPD3	8	8	15	0.87717	65209000
P32266	MGM1	6	6	10.9	0.8771	20035000
Q06678	MRPL35	3	3	12.3	0.87677	15775000
P22203	VMA4	9	9	49.4	0.87601	187800000

POCX40;POCX39	RPS8B;RPS8A	2	2	18	0.8755	8196400
P32561	RPD3	3	3	14.5	0.87544	59724000
P38626	CBR1	4	4	23.6	0.87523	31628000
P36148	GPT2	2	2	3.6	0.87505	22538000
P19358	SAM2	7	3	28.6	0.87463	18535000
P33202	UFD4	3	3	2.4	0.87453	7764500
P53885	MDG1	2	2	6	0.87435	4604400
P40007	NOP16	3	3	10.8	0.87434	20837000
P36516	MRPL3	5	5	16.9	0.87427	40457000
P38170	BRN1	3	3	6.1	0.87403	9549100
Q12532	RQC2	6	6	6.5	0.87282	59542000
Q04119	PPN1	3	3	5.9	0.8725	13493000
P09457	ATP5	7	7	40.1	0.87206	155400000
Q12028	APL4	7	7	12.3	0.87198	31269000
P09436	ILS1	6	6	9.8	0.87122	36312000
P53254	UTP22	9	9	9.3	0.87087	95847000
P37293	NAT2	2	2	6.6	0.8694	12548000
Q06214	JIP5	2	2	4.7	0.86929	5554000
P53866	SQS1	3	3	5.3	0.86892	16098000
P39954	SAH1	6	6	16.9	0.8688	56487000
P17255	VMA1	12	12	15.4	0.86821	206270000
P00546	CDC28	2	2	10.1	0.86686	31470000
P53628	SNF12	3	3	7.8	0.86647	9091800
P40533	TED1	2	2	3.4	0.86463	22129000
P07251	ATP1	5	5	10.6	0.86426	156100000
P39101	CAJ1	10	10	32.2	0.86418	164970000
P36528	MRPL17	6	6	18.9	0.86405	28316000
P54000	SUB1	3	3	14.4	0.86294	4068600
Q00402	NUM1	11	11	18.6	0.86245	110970000
P40457	MLP2	4	4	2.3	0.86217	21440000
Q06493	YLH47	2	2	7.9	0.86181	26389000
P19658	EXO70	5	5	9	0.86067	29906000
Q12417	PRP46	2	2	6.4	0.85987	4037200

P15703	BGL2	5	5	24.9	0.85959	79061000
P06102	NOT3	4	4	4.2	0.85771	17032000
P12686	MRP13	3	3	10.3	0.85565	26130000
P53206	YGR012W	2	2	7.1	0.85529	7973800
P38153	APM3	2	2	6	0.85422	10920000
P36523	MRPL15	2	2	10.7	0.85366	11501000
Q06179	FMP27	5	5	2.2	0.85322	9347400
P22147	XRN1	27	27	24.7	0.85301	422610000
P17967	PDI1	10	10	27	0.8514	159390000
P32844	SEC6	5	5	5.6	0.85076	32423000
P53297	PBP1	5	5	9.3	0.84618	27287000
P17629	HPR1	2	2	3.1	0.84585	9185000
Q06205	FPR4	3	2	10.2	0.84506	63904000
Q03690	CLU1	18	18	18.5	0.8443	385990000
P39990	SNU13	2	2	11.9	0.84406	183740000
P17883	SKI3	5	5	3.8	0.84376	19087000
P51601	FOL2	3	3	18.5	0.84318	436010000
Q02969	PEX25	2	2	8.9	0.84267	17782000
P00330;P00331	ADH1	10	10	37.6	0.84189	2484500000
P00830	ATP2	9	9	29.2	0.84154	239820000
P40416	ATM1	2	2	3.8	0.84068	4879100
P47166	SGM1	4	4	6.9	0.83919	9586300
Q12453	CEX1	2	2	2.8	0.83905	9176400
Q03529	SCS7	2	2	3.4	0.83881	12838000
Q12114	CHS5	2	2	5.2	0.83847	23901000
P36112	MIC60	2	2	5.4	0.83823	9382800
P43611	OSW7	3	3	9	0.83587	18457000
P39010	AKR1	3	3	5.2	0.83574	16585000
P42940	CIR1	2	2	12.6	0.83455	8295600
P53163	MNP1	3	3	20.1	0.83437	129340000
Q06685	VIP1	5	5	6.4	0.83353	15706000
P32499	NUP2	10	10	20	0.83299	114180000
P32582	CYS4	4	4	9.7	0.83298	27506000

Q06078	UTP21	2	2	4.2	0.83267	16887000
P09733	TUB1	5	3	16.3	0.83239	177680000
P28777	ARO2	4	4	16.2	0.83155	14598000
Q12514	NOT5	2	2	5	0.83114	11909000
P38286	IFA38	8	8	29.4	0.82964	141600000
P03872	REP2	2	2	9.5	0.82831	11529000
Q12487	MRPL23	2	2	17.2	0.82726	25561000
Q02455	MLP1	9	9	6.6	0.82681	44163000
Q06833	YPR091C	2	2	4	0.82668	16707000
Q3E830	YCR075W-A	3	3	86.7	0.82505	12836000
P54861	DNM1	6	6	12.2	0.82484	28833000
Q01477	UBP3	6	6	12.4	0.82383	47811000
P40040	THO1	4	4	29.4	0.82265	41348000
P39743	RVS167	5	5	13.3	0.82211	85653000
P47057	SNX4	4	4	11.8	0.82118	25562000
P50087	MIC26	4	4	23.6	0.82028	40673000
P35719	MRP8	1	1	4.6	0.8192	44002000
Q04279	SEG1	1	1	2.5	0.81904	5166700
Q01217	ARG5,6	4	4	6.1	0.81685	18584000
P54115	ALD6	12	12	25.6	0.81523	173260000
Q12071	VPS54	4	4	5.6	0.81399	13235000
P38687	SRP68	11	11	25.7	0.81228	74740000
P40856	SAP185	2	2	2.2	0.81181	17835000
P41832	BNI1	2	2	1.1	0.8116	3502700
P40356	PGD1	2	2	4.8	0.81113	18172000
Q04217	ECM16	2	2	1.6	0.81046	8287200
P36041	EAP1	5	5	13.6	0.81043	33072000
P50109	PSP2	5	5	10.3	0.81012	30486000
P34760	TSA1	3	3	24	0.8076	111960000
P41940	PSA1	8	8	29.6	0.80569	249770000
P39976	DLD3	4	4	10.9	0.80354	31886000
P38625	GUA1	3	3	8	0.80329	27136000
P32529	RPA12	2	2	19.2	0.80303	111530000

Q08229	NBA1	3	3	10.4	0.80261	9543400
P38234	RFS1	2	2	13.3	0.80157	7843100
Q06489	MRI1	2	2	6.6	0.80135	6537500
P07245	ADE3	24	24	35.9	0.80034	101860000
P48415	SEC16	7	7	4.8	0.79806	43481000
P53875	MRPL19	2	2	10.8	0.79569	9007600
P32457	CDC3	13	13	37.5	0.79371	153990000
P38137	PCS60	2	2	3.7	0.79221	8465100
P15303	SEC23	3	3	7.3	0.79218	12718000
P19454	CKA2	5	5	14.7	0.78947	49551000
P02992	TUF1	2	2	6.6	0.78806	41828000
P32835;P32836	GSP1;GSP2	2	2	9.6	0.78782	49222000
Q12466	TCB1	5	5	7.7	0.78687	28487000
P48439	OST3	2	2	5.7	0.78576	15051000
P22137	CHC1	30	30	26.4	0.78519	982660000
P32855	SEC8	4	4	6.6	0.78284	39277000
P29311	BMH1	7	3	40.8	0.7821	249730000
P54838	DAK1	11	11	25	0.78004	148850000
P10080	SBP1	7	7	40.5	0.77913	425880000
P38122	ECM31	4	4	18.3	0.77888	35077000
P07267	PEP4	7	7	23.5	0.77862	211530000
P54860	UFD2	7	7	12.1	0.77589	33149000
P30624	FAA1	13	13	23.3	0.7757	169990000
P28834	IDH1	5	5	22.2	0.7746	90875000
P01120	RAS2	3	3	15.5	0.77431	47977000
P39927	PTI1	2	2	5.6	0.77106	6791000
P05756	RPS13	3	3	19.9	0.77063	51844000
P39730	FUN12	10	10	14.8	0.77031	115630000
P39721	AIM2	3	3	15	0.76932	18175000
P35817	BDF1	4	4	8.3	0.76915	16650000
P40485	SLM1	4	4	6.3	0.76914	14500000
P17891	CLC1	5	5	20.6	0.76594	127990000
Q99189	MTR10	2	2	2.5	0.76404	7583700

P17558	PET123	3	3	9.7	0.75986	12917000
P80967	TOM5	1	1	28	0.75941	20254000
P00925	ENO2	12	9	39.8	0.7589	780340000
P07264	LEU1	3	3	7.3	0.75808	19990000
P34730	BMH2	6	2	31.9	0.75616	23780000
Q12389	DBP10	3	3	2.5	0.75582	16242000
P53316	YGR250C	4	4	5.8	0.75047	18651000
P32914	SPT4	2	2	39.2	0.75014	62274000
P09624	LPD1	2	2	5.2	0.74988	6580500
P24276	SSD1	2	2	1.8	0.7498	19704000
P36006	MYO3	4	4	4.3	0.74934	27913000
Q06704	IMH1	18	18	23.3	0.74748	166860000
P19880	YAP1	2	2	5.4	0.74629	4685400
P40582	GTT1	3	3	15.4	0.74528	19980000
P31539	HSP104	4	4	5	0.74477	13926000
P53292	MRPS35	2	2	7.2	0.74472	8836500
P53729		2	2	7.2	0.74443	4748900
P25349	YCP4	3	3	16.2	0.74173	30350000
P00942	TPI1	3	3	21	0.7357	32723000
P07246	ADH3	5	5	15.2	0.73427	35289000
P07257	QCR2	5	5	23.6	0.73412	26372000
P15891	ABP1	4	4	12.3	0.73296	81455000
P00931	TRP5	6	6	10	0.73029	47119000
P23254	TKL1	2	2	3.1	0.72849	16407000
P25623	SYP1	5	5	5.7	0.72388	38397000
Q06385	VPS74	3	3	7.8	0.72268	19646000
P07244	ADE5,7	6	6	12.6	0.72232	53952000
Q08685	CLP1	2	2	6.1	0.72179	4690300
P04840	POR1	9	9	47.7	0.72142	374020000
P35725		2	2	26.3	0.71575	10359000
P39540	ELO1	2	2	4.5	0.71553	12755000
P15019	TAL1	3	3	14.6	0.71459	13180000
P16140	VMA2	4	4	11.6	0.71067	246890000

P07283	SEC53	3	3	12.6	0.70751	7827600
Q05029	BCH1	2	2	4.3	0.70713	11321000
Q04458	HFD1	2	2	3.6	0.70513	10537000
P21576	VPS1	7	7	13.1	0.70104	96167000
P27929	NAM9	2	2	4.3	0.69985	5137800
P53954	ALG11	3	3	5.8	0.69933	11802000
P00560	PGK1	14	14	37.5	0.69892	487040000
P32340	NDI1	4	4	11.5	0.69815	13876000
Q03707	SRC1	2	2	3.2	0.69508	17367000
Q08245	ZEO1	5	5	46	0.69316	36743000
P38713	OSH3	4	4	4.8	0.69241	10563000
P36139	PET10	4	4	15.9	0.6915	27349000
P20967	KGD1	11	11	14.8	0.69009	245230000
P12687	MRP7	2	2	6.7	0.69002	15129000
P25342	CDC10	3	3	14.3	0.68841	57234000
P32843	YME2	4	4	5.4	0.68728	11796000
P12709	PGI1	8	8	20.8	0.68554	120770000
P27614	CPS1	3	3	5.6	0.685	60056000
Q03201	RSM10	2	2	11.3	0.68388	5466400
P32468	CDC12	4	4	11.5	0.68222	36869000
P60010	ACT1	3	3	9.6	0.678	37942000
Q05050	EIS1	16	16	25	0.67761	146110000
P52918	MSN5	2	2	1.3	0.67512	12938000
P27692	SPT5	9	9	12.8	0.67481	72541000
P42073	REF2	2	2	3.6	0.67356	11996000
P38071	ETR1	5	5	18.7	0.67311	63665000
P46367	ALD4	4	3	8.7	0.67311	4364700
P36056	RSM22	2	2	3.2	0.67241	6066800
P12753	RAD50	2	2	2	0.67088	3327200
P32909	SMY2	4	4	9.6	0.66941	10001000
P14540	FBA1	9	9	39	0.66602	623520000
P34216	EDE1	12	12	13.6	0.66314	126890000
P53252	PIL1	2	2	10.6	0.65287	70211000

P36525	MRPL24	2	2	7	0.6519	11855000
Q12344	GYP5	4	4	6.6	0.64985	19822000
P36015	YKT6	3	3	11.5	0.6492	9122600
P38198	STU1	2	2	1.1	0.6404	12299000
P07278	BCY1	4	4	13.7	0.63794	25183000
P10662	MRP1	2	2	5.6	0.63275	13173000
Q12335	PST2	3	3	17.2	0.63119	37072000
P35177	SPT7	2	2	2.7	0.62793	11910000
P22217	TRX1	6	5	56.3	0.62603	364650000
P28321	YJU3	2	2	8.9	0.61137	10365000
P53278	YGR130C	8	8	14	0.60879	38744000
P53981		2	2	11.2	0.60704	8910600
P22803	TRX2	7	6	70.2	0.60643	858870000
P38636	ATX1	2	2	42.5	0.60363	12347000
Q12745	SEC39	2	2	2.4	0.60176	9860800
P32263	PRO3	3	3	14.7	0.60067	13431000
P19262	KGD2	2	2	8.4	0.59493	37015000
P31116	HOM6	3	3	8.1	0.59041	10247000
P38439	LEO1	2	2	8.6	0.58969	9907400
P14904	APE1	2	2	4.3	0.58709	23176000
P46682	APL6	3	3	4.3	0.58508	17724000
P16387	PDA1	6	6	24.5	0.57031	642390000
P16451	PDX1	11	11	39.3	0.56004	189130000
P17695	GRX2	2	2	16.1	0.55588	30235000
P38910	HSP10	3	3	41.5	0.55312	24096000
P48606	RBL2	4	4	50	0.5466	16236000
P00890	CIT1	7	6	22.1	0.54411	111270000
Q05541	NSE3	2	2	8.6	0.5429	7378700
P04046	ADE4	4	4	8.4	0.52728	79644000
P38712	RRP3	2	2	6.4	0.51832	7787900
P14832	CPR1	2	2	13	0.5148	14015000
P12695	LAT1	9	9	19.1	0.51475	809210000
P41277;P40106	GPP1;GPP2	4	4	24	0.50385	43703000

P32473	PDB1	2	2	8.2	0.49651	30338000
Q03161		2	2	9.4	0.48742	20691000
P47096	BNA1	3	3	18.6	0.44858	40816000
P40364	MPM1	3	3	19	0.44812	14575000
P15274	AMD1	3	3	5.3	0.44601	24624000
P35184	SQT1	2	2	6.3	0.43005	9667500
P28241	IDH2	3	3	14.6	0.42973	115740000
P40185	MMF1	3	3	24.1	0.42944	18832000
P29509	TRR1	4	4	23.5	0.41584	8459400
P32792	YSC83	2	2	4.4	0.38954	8478500
P32454	APE2	5	3	6.7	0.3838	7267300
Q06096	COG4	2	2	2.6	0.37146	54230000
P00817	IPP1	3	3	13.6	0.36168	40326000
Q07657	SHS1	4	4	10	0.3451	13577000
P02557	TUB2	1	1	3.1	0.34085	50914000
P38013	AHP1	3	3	29.5	0.33817	11273000
Q04767	TVP18	3	3	25.7	0.31367	64118000
Q01802	AAT1	2	2	4.2	0.30779	32623000
P04807	HXK2	3	3	9.9	0.28777	32370000
P00924	ENO1	6	3	18.1	0.27732	28568000
P35691	TMA19	3	3	18.6	0.27234	26536000
P15992	HSP26	4	4	26.6	0.23901	49482000
P00360	TDH1	7	3	33.7	0.21778	19208000
Q12749	SMC6	2	2	1.6	0.19759	37570000
P38616	YGP1	2	2	6.8	0.17082	53489000
P33309	DOM34	2	2	8	0.14571	21880000
P31787	ACB1	2	2	39.1	0.14421	19783000
P39004;P39003	HXT7;HXT6	4	4	14.9	0.13649	60848000
P04806	HXK1	2	2	8.5	0.0206	33673000
O13563	RPN13	1	1	8.3 NaN		60250000
O14455	RPL36B	1	1	10 NaN		3039900
O74302;POCX57;POCX58;P47 TY1A-DR4;TY1A-A;TY		5	0	16.8 NaN		0
P00427	COX6	1	1	4.7 NaN		8824100

P00729	PRC1	1	1	3.4 NaN	7401800
P00927	ILV1	1	1	3.5 NaN	6904400
P02309	HHF1	1	1	11.7 NaN	11453000
P03871	REP1	1	1	3.2 NaN	12711000
P04051	RPO31	2	2	2 NaN	7858800
P04076	ARG4	1	1	1.7 NaN	2545100
P04803	MSW1	1	1	3.2 NaN	0
P04912;P04911	HTA2;HTA1	1	1	17.4 NaN	24595000
P06197	PIS1	1	1	4.1 NaN	2445100
P06704	CDC31	1	1	5 NaN	1640900
P06787	CMD1	1	1	6.1 NaN	5727400
P06839	RAD3	1	1	2.7 NaN	1610600
P07253	CBP6	1	1	6.8 NaN	4176000
P07255	COX9	1	1	16.9 NaN	6490800
P07263	HTS1	1	1	3.1 NaN	2889600
P07284	SES1	1	1	2.8 NaN	0
P07347	ARD1	1	1	3.4 NaN	18389000
P08004	CHS1	2	2	2.3 NaN	4713900
P08525	QCR8	1	1	12.8 NaN	2048400
POC0T4	RPS25B	3	1	30.6 NaN	0
Q04670;POC2J0;Q92393;Q12	TY1B-MR2;TY1B-PR2	9	0	7.8 NaN	11707000
POCX42;POCX41	RPL23B;RPL23A	2	2	19.7 NaN	9020900
P10363	PRI1	1	1	1.7 NaN	32555000
P11412	ZWF1	1	1	3 NaN	3834800
P11633	NHP6B	1	1	8.1 NaN	0
P11655	SEC12	1	1	3.4 NaN	0
P11709	BIK1	1	1	4.5 NaN	2813300
P11972	SST2	1	1	1.1 NaN	23056000
P12688	YPK1	1	1	2.2 NaN	1658600
P12754	GCD2	1	1	2.2 NaN	8154400
P13186	KIN2	1	1	0.7 NaN	1460900
P13393	SPT15	1	1	4.2 NaN	2314200
P13517	CAP2	1	1	4.5 NaN	0

P13574	STE12	1	1	3.3 NaN	2376800
P13663	HOM2	1	1	2.2 NaN	5546300
P14742	GFA1	1	1	2.2 NaN	7075800
P15424	MSS116	2	2	5.1 NaN	4245400
P15496	IDI1	1	1	5.6 NaN	3405800
P15624	FRS1	2	2	4.5 NaN	2895900
P15790	CKA1	1	1	2.4 NaN	5068500
P16622	HEM15	2	2	8.4 NaN	28050000
P16661	ALG1	1	1	4.9 NaN	6326300
P17064	FCY2	2	2	4.9 NaN	36241000
P17065	SEC2	1	1	1.6 NaN	3145700
P17214	EST1	1	1	1.1 NaN	6198100
P17898	CPT1	1	1	3.3 NaN	8410100
P18408	MET16	1	1	3.4 NaN	25690000
P18562	FUR1	1	1	6 NaN	7422000
P18899	DDR48	1	1	3.3 NaN	20091000
P18900	COQ1	1	1	1.5 NaN	4918800
P20053	PRP4	1	1	3 NaN	8406500
P20081	FPR1	1	1	15.8 NaN	7530200
P20107	ZRC1	1	1	1.4 NaN	3127600
P20449	DBP5	1	1	2.7 NaN	2017000
P20484	MAK11	1	1	7.5 NaN	5535200
P20604	SIT4	1	1	3.2 NaN	6124600
P21147	OLE1	3	3	10 NaN	16114000
P21264	ADE2	1	1	2.1 NaN	2386500
P21524	RNR1	1	1	2 NaN	3920100
P32328;P22204	DBF20;DBF2	1	1	1.1 NaN	2748200
P22336	RFA1	1	1	1.4 NaN	7464300
P22515	UBA1	1	1	2.4 NaN	1941600
P23180	AIM17	1	1	2.6 NaN	2985600
P23291	YCK1	1	1	3 NaN	10653000
P23369	MRPL25	2	2	18.5 NaN	1786500
P23561	STE11	1	1	1.4 NaN	4576500

P23638	PRE9	2	2	9.3 NaN	21995000
P23641	MIR1	2	2	10.6 NaN	2568000
P24521	ERG8	1	1	3.3 NaN	5092500
P24783	DBP2	1	1	1.5 NaN	36320000
P25355	CTR86	1	1	1.6 NaN	3195600
P25358	ELO2	1	1	2.9 NaN	117810000
P25372	TRX3	1	1	8.7 NaN	5535100
P25373	GRX1	1	1	11.8 NaN	13572000
P25379	CHA1	1	1	2.5 NaN	4951100
P25441	RPC53	1	1	1.9 NaN	12445000
P25560	RER1	1	1	4.8 NaN	59326000
P25626	IMG1	1	1	9.5 NaN	2594600
P25628	ARE1	1	1	1.6 NaN	2368700
P25635	PWP2	1	1	0.9 NaN	6748100
P25642	IMG2	1	1	6.2 NaN	7798100
P25808	SPB4	1	1	1.8 NaN	3821000
P28495	CAP1	2	2	10.4 NaN	6700000
P29952	PMI40	1	1	2.8 NaN	5830900
P30656	PRE2	1	1	4.5 NaN	9506600
P31109	SNC1	1	1	10.3 NaN	4011100
P31111	ZIP1	1	1	1 NaN	7861100
P31373	CYS3	1	1	3.3 NaN	3770900
P31382	PMT2	1	1	2.2 NaN	5284900
P32331	YMC1	1	1	7.5 NaN	6226100
P32333	MOT1	1	1	0.6 NaN	2683900
P32337	PSE1	1	1	1.7 NaN	5632900
P32352	ERG2	1	1	5.4 NaN	2788400
P32387	MRP20	1	1	5.3 NaN	5359000
P32458	CDC11	1	1	5.3 NaN	3741200
P32476	ERG1	1	1	2 NaN	13286000
P32487	LYP1	1	1	1.5 NaN	3315100
P32525	ECM25	1	1	1.8 NaN	2858100
P32598	GLC7	1	1	3.8 NaN	20668000

P32602	SEC17	1	1	5.1 NaN	9224800
P32610	VMA8	1	1	3.9 NaN	23294000
P32618		1	1	1.5 NaN	3296200
P32621	GDA1	1	1	2.1 NaN	6043100
P32629	ANP1	1	1	2.2 NaN	0
P32642	GRX4	1	1	2.9 NaN	2867600
P32644	ECM32	1	1	0.9 NaN	3476100
P32767	KAP122	1	1	1.8 NaN	14916000
P32770	NRP1	1	1	1.7 NaN	4100800
P32783	ABD1	1	1	1.8 NaN	4719700
P32784	SCT1	2	2	2.4 NaN	6482200
P32802	EMP70	1	1	3.9 NaN	3721400
P32804	ZRT1	1	1	3.5 NaN	4027700
P32805	FZF1	1	1	3.7 NaN	3751700
P32806	GYP6	1	1	2.8 NaN	5066200
P32831	NGR1	1	1	1.5 NaN	5607900
P32839	BCS1	1	1	2.9 NaN	3307500
P32860	NFU1	1	1	4.3 NaN	5205300
P32867	SSO1	2	1	11.4 NaN	7635100
P32875	LIP5	1	1	3.9 NaN	1491100
P32892	DRS1	2	2	3.7 NaN	6212100
P32897	TIM23	1	1	8.6 NaN	22986000
P32901	PTR2	2	1	2.8 NaN	1882500
P32904	MRPL6	2	2	11.7 NaN	4005300
P32910	RPC34	2	2	7.6 NaN	5828700
P32915	SEC61	1	1	2.1 NaN	0
P33203	PRP40	1	1	2.1 NaN	2395900
P33324	YKL091C	1	1	3.2 NaN	5566200
P33328	SNC2	1	1	10.4 NaN	11919000
P33330	SER1	1	1	7.3 NaN	3552600
P33891	TIP20	2	2	3.1 NaN	4558600
P34163	TGL1	1	1	3.6 NaN	7163100
P34222	PTH2	1	1	5.3 NaN	7213600

P34223	SHP1	1	1	3.3 NaN	0
P34761	WHI3	1	1	1.7 NaN	16299000
P34909	MOT2	2	2	5.5 NaN	8610800
P35178	RRP1	1	1	2.2 NaN	3535200
P35179	SSS1	1	1	22.5 NaN	261400000
P35180	TOM20	1	1	6 NaN	30908000
P35728	MPE1	1	1	1.8 NaN	0
P35729	NUP120	1	1	1 NaN	3100200
P36013	MAE1	1	1	2.2 NaN	15283000
P36016	LHS1	3	3	4.4 NaN	8786100
P36027	MID2	1	1	3.7 NaN	0
P36037	DOA1	1	1	1.1 NaN	11000000
P36039	EMC3	1	1	4 NaN	1738700
P36046	MIA40	1	1	3.5 NaN	2360100
P36068	SHE2	1	1	10.2 NaN	9556500
P36078	HOT13	1	1	7.8 NaN	2572700
P36100	TFA1	1	1	2.3 NaN	3230000
P36101	TCD2	1	1	2.2 NaN	3275300
P36102	PAN3	1	1	1.8 NaN	0
P36114	YKR018C	2	2	3.4 NaN	2832100
P36121	RPC37	1	1	5.3 NaN	3268400
P36130	CAF4	1	1	2.2 NaN	2954800
P36135	UTH1	1	1	2.2 NaN	12178000
P36165	TGL4	1	1	1.5 NaN	0
P36517	MRPL4	1	1	4.1 NaN	4785200
P36519	MRPL7	1	1	3.4 NaN	10237000
P36520	MRPL10	1	1	4.3 NaN	3228000
P36521	MRPL11	1	1	4 NaN	5076300
P37012	PGM2	2	1	5.4 NaN	0
P37263		2	2	15 NaN	3378100
P37303	GLY1	1	1	2.8 NaN	14462000
P37370	VRP1	1	1	2.7 NaN	4212700
P38009	ADE17	1	1	4.2 NaN	3635200

P38068	GRX7	1	1	3.9 NaN	1345100
P38070	YPK3	1	1	1.7 NaN	2440900
P38080	AKL1	1	1	1.1 NaN	0
P38085	TAT1	1	1	1.1 NaN	11172000
P38087	YMC2	1	1	7 NaN	2765200
P38088	GRS1	2	2	2.6 NaN	11992000
P38109		1	1	2 NaN	4499600
P38116	ARL1	1	1	4.4 NaN	16113000
P38143;P40581	GPX2;HYR1	1	1	6.2 NaN	4779300
P38181	NUP170	1	1	0.8 NaN	6148200
P38193	PSY4	1	1	2.9 NaN	3452800
P38210	LDB7	1	1	12.8 NaN	2707300
P38226	CST26	1	1	5.3 NaN	6805200
P38237	UBP14	1	1	1.7 NaN	2077700
P38244	PFF1	1	1	1.3 NaN	0
P38247	SLM4	1	1	8 NaN	6213100
P38248	ECM33	1	1	1.6 NaN	63450000
P38254	PBY1	1	1	1.5 NaN	4612200
P38255	RXT2	1	1	3.7 NaN	4559300
P38273	CCZ1	1	1	1.7 NaN	2329700
P38310	FTH1	1	1	1.7 NaN	3154200
P38325	OM14	1	1	14.9 NaN	1095400
P38331		1	1	4.6 NaN	0
P38351	PAF1	2	2	7.9 NaN	5619400
P38427	TSL1	1	1	2.3 NaN	1909100
P38428	CUE1	1	1	7.4 NaN	6782500
P38429	SAP30	1	1	10.4 NaN	4117400
P38624	PRE3	1	1	7.4 NaN	0
P38736	GOS1	1	1	6.3 NaN	13417000
P38753	HSE1	1	1	1.8 NaN	2767800
P38771	RRF1	1	1	4.8 NaN	0
P38784	VMA22	1	1	3.9 NaN	14217000
P38791	DYS1	1	1	2.8 NaN	2842800

P38814	SBE22	1	1	1.4 NaN	2505500
P38828	LSM12	1	1	4.8 NaN	13730000
P38829	YHR122W	1	1	5.2 NaN	9292900
P38833	YHR127W	1	1	8.2 NaN	7691800
P38874	IKI1	1	1	3.2 NaN	3712900
P38911	FPR3	2	1	9 NaN	31601000
P38922	HRB1	1	1	2.6 NaN	4987300
P38929	PMC1	1	1	1.7 NaN	3943100
P38962	TVP23	1	1	5 NaN	12174000
P38966		3	3	4.1 NaN	6349000
P38989	SMC2	1	1	0.7 NaN	2284400
P38999	LYS9	1	1	2.2 NaN	3915600
P39008	POP2	1	1	3 NaN	13222000
P39012	GAA1	1	1	3.3 NaN	2065700
P39013	END3	1	1	4 NaN	0
P39102	XDJ1	1	1	4.4 NaN	6290900
P39107	MNN9	2	1	4.3 NaN	7331100
P39522	ILV3	2	2	7.2 NaN	10949000
P39531	RCY1	2	2	2.4 NaN	3311500
P39705	NUP60	2	2	5 NaN	5290200
P39715	ECM1	2	2	11.8 NaN	5762300
P39719	FLC2	1	1	1.1 NaN	9590100
P39729	RBG1	1	1	3.8 NaN	3871800
P39731	MTW1	1	1	3.8 NaN	15105000
P39742	SEC72	1	1	5.2 NaN	5208300
P39925	AFG3	1	1	1.8 NaN	0
P39940	RSP5	2	2	4.8 NaN	20219000
P39960	BEM2	1	1	0.5 NaN	1875400
P39968	VAC8	1	1	1.7 NaN	5230300
P40013	BIM1	1	1	4.7 NaN	6532500
P40015	ISC1	1	1	3.8 NaN	4154600
P40030	ERG28	1	1	8.1 NaN	12120000
P40052	YER079W	1	1	4.3 NaN	3566600

P40510;P40054	SER33;SER3	1	1	3.2 NaN	0
P40059	DOT6	1	1	2.1 NaN	3247100
P40066	GLE2	1	1	5.5 NaN	10022000
P40088	FTR1	1	1	2.2 NaN	14897000
P40089	LSM5	1	1	7.5 NaN	0
P40091	PEA2	1	1	4 NaN	8465400
P40159		1	1	8 NaN	1952600
P40208	GID8	1	1	2.9 NaN	2292900
P40210	SIP5	2	2	3.7 NaN	5978000
P40212	RPL13B	1	1	4.5 NaN	3788000
P40218		1	1	4.9 NaN	2319100
P40219	OSW5	1	1	18.9 NaN	2069000
P40303	PRE6	1	1	12.6 NaN	2485700
P40312	CYB5	1	1	7.5 NaN	8979300
P40318	SSM4	2	2	1.5 NaN	4176400
P40340	YTA7	1	1	0.6 NaN	101640000
Q05164;P40442	HPF1	1	1	0.8 NaN	6728000
P40452	COA1	1	1	4.6 NaN	4553400
P40470	RRT14	1	1	3.9 NaN	4761400
P40472	SIM1	1	1	1.5 NaN	0
P40513	MAM33	1	1	3.4 NaN	6185800
P40532	APQ12	1	1	10.9 NaN	2503800
P40535	CST6	1	1	2.2 NaN	3106900
P40555	NAS2	1	1	4.5 NaN	6810000
P40561	SGN1	3	3	14.8 NaN	9247900
P40573	MET28	1	1	4.3 NaN	24090000
P40850	MKT1	1	1	2.5 NaN	6497000
P40858	MRPL49	1	1	8.7 NaN	15209000
P40959	MVP1	1	1	1.4 NaN	1451000
P40970	LCB2	2	2	5 NaN	49489000
P41057	RPS29A	1	1	14.3 NaN	126190000
P41058	RPS29B	1	1	14.3 NaN	8349300
P41812	POP1	1	1	1.3 NaN	2113300

P42838	LEM3	1	1	2.7 NaN	7030000
P42938	TDA10	1	1	6.6 NaN	4267900
P43557	FMP32	1	1	3.4 NaN	19787000
P43558	OTU1	1	1	4.3 NaN	2963500
P43560	YFL042C	1	1	2.8 NaN	7824200
P43561	FET5	1	1	2.9 NaN	5366500
P43574	GAT1	1	1	2 NaN	4611200
P43589	SAD1	1	1	4.2 NaN	205910000
P43597	YFR016C	1	1	1.1 NaN	4608700
P43616	DUG1	3	3	7.9 NaN	20423000
P43636	ALG2	1	1	4.4 NaN	2915900
P46654	RPS0B	1	1	7.1 NaN	14458000
P46671	FAR3	1	1	7.8 NaN	2727700
P46673	NUP85	1	1	1.7 NaN	4018000
P46951	YPP1	1	1	1.1 NaN	2245100
P46982	MNN5	1	1	1.4 NaN	967520
P47019	ALB1	1	1	6.3 NaN	16275000
P47035	NET1	1	1	1.6 NaN	5128400
P47044		1	1	6.5 NaN	3775700
P47064	APS3	1	1	4.6 NaN	22055000
P47075	VTC4	1	1	1.2 NaN	6900700
P47112	TAH11	1	1	2.2 NaN	2913500
P47127	AIM24	1	1	3 NaN	2298000
P47129	ACF4	1	1	4.9 NaN	2353700
P47133	EMC2	1	1	3.4 NaN	13847000
P47143	ADO1	1	1	5 NaN	4180600
P47150	RSM7	1	1	4.9 NaN	0
P47154	STE24	1	1	2.6 NaN	2634900
P47818	CCC1	1	1	2.8 NaN	20987000
P47822	SRB7	1	1	12.9 NaN	12751000
P48240	MTR3	1	1	5.2 NaN	2642400
P48362	HGH1	1	1	3.8 NaN	3780100
P48510	DSK2	1	1	5.4 NaN	7271800

P48563	MON2	1	1	0.7 NaN	7360900
P49095	GCV2	1	1	1.1 NaN	2968000
P49367	LYS4	1	1	1 NaN	7302700
P49687	NUP145	1	1	1.4 NaN	4284600
P49960	PRP24	1	1	1.6 NaN	1631200
P50101	UBP15	2	2	1.9 NaN	3874500
P50102	UBP8	1	1	2.1 NaN	2693800
P50106	RPA14	1	1	14.6 NaN	4396000
P50107	GLO1	1	1	4.9 NaN	0
P50110	SAM37	1	1	3.7 NaN	1891000
P50945	MIC27	1	1	4.7 NaN	10155000
P51998	YML6	2	2	11.9 NaN	8208700
P52553	YKE2	2	2	25.4 NaN	2908400
P52870	SBH1	1	1	12.2 NaN	14558000
P52891	NUP84	1	1	1.9 NaN	2312900
P52910	ACS2	1	1	1.3 NaN	799150
P52920	NBP35	1	1	5.8 NaN	7089100
P53036	SAP4	1	1	2.3 NaN	1532000
P53045	ERG25	1	1	4.2 NaN	11470000
P53049	YOR1	2	2	1.2 NaN	5936500
P53063	RAI1	1	1	1.6 NaN	1481600
P53064	RTF1	2	2	3.8 NaN	4164300
P53073	EMC4	1	1	5.3 NaN	6940400
P53076	VID30	1	1	1 NaN	2411100
P53080	EDC1	1	1	4 NaN	4422800
P53091	MCM6	1	1	1.3 NaN	9531200
P53108	YIP5	1	1	3.5 NaN	6431100
P53119	HUL5	1	1	1.5 NaN	2634100
P53131	PRP43	1	1	0.8 NaN	20280000
P53133	YGL117W	1	1	3 NaN	6606200
P53144	YGL101W	1	1	4.7 NaN	7076700
P53169	YBP2	1	1	3 NaN	3469300
P53184	PNC1	1	1	9.3 NaN	5540200

P53199	ERG26	1	1	2.9 NaN	34192000
P53220	TIM21	1	1	4.2 NaN	5166800
P53235	YGR054W	1	1	3.4 NaN	6989100
P53251	SLX9	1	1	7.6 NaN	5882800
P53262	VOA1	1	1	3.4 NaN	12286000
P53290	GTR2	1	1	2.6 NaN	11584000
P53322	TNA1	1	1	2.4 NaN	5703400
P53324	SAY1	1	1	3.8 NaN	9666600
P53326	YGR266W	1	1	2.1 NaN	7667100
P53332	CAB4	1	1	3.6 NaN	3656300
P53334	SCW4	1	1	2.8 NaN	3407300
P53337	ERV29	1	1	3.9 NaN	13247000
P53507	TOM7	1	1	21.7 NaN	14323000
P53551	HHO1	1	1	4.3 NaN	7266400
P53633	YIP3	1	1	5.1 NaN	4664400
P53738	TRM112	2	2	15.6 NaN	9039200
P53852		1	1	1.6 NaN	5413400
P53855	ATG2	1	1	0.5 NaN	3880700
P53874	UBP10	1	1	1.1 NaN	3368400
P53878		1	1	3.4 NaN	104170000
P53890	BNI5	1	1	5.8 NaN	1986900
P53899	CUZ1	1	1	5.5 NaN	7271200
P53905	LSM7	1	1	6.1 NaN	21137000
P53909	AAH1	2	2	6.3 NaN	685150
P53935	NST1	1	1	0.6 NaN	1162100
P53946	ARP5	1	1	1.5 NaN	3666200
P53951	COG5	1	1	1.7 NaN	6705700
P54791	ORC4	1	1	1.9 NaN	1795500
P54858	DOS2	1	1	2.9 NaN	1503800
Q00245	RHO3	1	1	5.6 NaN	3381300
Q00764	TPS1	1	1	2.4 NaN	17310000
Q00776	APM1	1	1	1.9 NaN	0
Q00816	REG1	1	1	1.3 NaN	5399900

Q01649	CIK1	1	1	1.5 NaN	225400000
Q01722	GCR2	1	1	2.4 NaN	3509000
Q02206	RSC4	1	1	1.8 NaN	2338700
Q02486	ABF2	2	2	11.5 NaN	4921100
Q02554	CUS1	1	1	2.8 NaN	1431100
Q02725	VTC3	1	1	1.6 NaN	6200000
Q02774	SHR3	1	1	7.1 NaN	13606000
Q02784	GRX5	1	1	11.3 NaN	10327000
Q02795	SWP1	1	1	5.9 NaN	12790000
Q02796	LGE1	1	1	3.6 NaN	2372900
Q02820	NCE101	1	1	18.9 NaN	3237000
Q02908	ELP3	1	1	2.2 NaN	7535400
Q02939	TFB2	1	1	2.1 NaN	4340100
Q03020	ISU1	1	1	7.3 NaN	5799500
Q03048	COF1	1	1	7 NaN	2755900
Q03177		1	1	2.3 NaN	2848500
Q03290	TFB3	1	1	3.1 NaN	4597600
Q03327	UGO1	1	1	2.2 NaN	4174300
Q03337	TRS31	1	1	3.9 NaN	5073600
Q03362	YDR476C	2	2	9.8 NaN	1714000
Q03370	PEX29	1	1	2 NaN	1397000
Q03579	LIP1	1	1	6.7 NaN	2974000
Q03654	CEF1	1	1	2.4 NaN	3842800
Q03655	GAS3	1	1	3.4 NaN	2353900
Q03735	NAB6	2	2	2.5 NaN	6229300
Q03750	TAF8	1	1	2.4 NaN	2043800
Q03769	ENT5	1	1	3.2 NaN	5556600
Q03771	YDR161W	2	2	7.5 NaN	11430000
Q03780	YDR239C	1	1	2.4 NaN	3910600
Q03784	TRS23	1	1	4.6 NaN	7512900
Q03834	MSH6	1	1	0.6 NaN	15812000
Q03835	GRX3	1	1	4.8 NaN	9132000
Q03897	MTC5	1	1	0.8 NaN	2286400

Q03921	DOP1	2	2	1.4 NaN	1895100
Q04067	TIF35	1	1	9.5 NaN	21880000
Q04080	GPI17	2	2	4.3 NaN	7779400
Q04213	IOC4	1	1	1.9 NaN	7552600
Q04226	TAF11	2	2	4.9 NaN	1555900
Q04305	UTP15	2	2	4.9 NaN	10608000
Q04410	GRH1	1	1	3.5 NaN	2101300
Q04472	MGR3	2	2	4.8 NaN	3525200
Q04599	MRPL1	2	2	9.1 NaN	7897200
Q04636	POB3	2	2	4.3 NaN	4586200
Q04728	ARG7	1	1	3.2 NaN	5462100
Q04773		1	1	7.6 NaN	2687900
Q04868	ELP6	1	1	2.9 NaN	7965900
Q04934	IVY1	1	1	4.9 NaN	8521700
Q04951	SCW10	1	1	2.6 NaN	2947700
Q04958	NTE1	1	1	0.7 NaN	1154700
Q05021	TAF7	1	1	2.4 NaN	979740
Q05123	ARP9	1	1	1.9 NaN	0
Q05530	YDR286C	1	1	11.4 NaN	4275200
Q05580	HEL2	2	2	3.4 NaN	2988900
Q05636	RRP45	1	1	4.3 NaN	0
Q05933	ARC18	1	1	5.6 NaN	16003000
Q05948	YLR225C	1	1	3.4 NaN	5598100
Q06005	LIP2	1	1	2.7 NaN	6015400
Q06102	YTH1	1	1	4.3 NaN	5469400
Q06146	YLR257W	1	1	5.6 NaN	8645900
Q06217	SMD2	1	1	8.2 NaN	3805400
Q06336	GGA1	1	1	1.8 NaN	3990900
Q06405	ATP17	1	1	10.9 NaN	16294000
Q06451	TPO3	1	1	2.1 NaN	5000700
Q06505	SPN1	1	1	2.9 NaN	1432300
Q06522	YPR147C	1	1	3.3 NaN	0
Q06523	YPR148C	1	1	2.5 NaN	5779100

Q06639	RSC3	2	2	2.6 NaN	2319900
Q06668	OMS1	1	1	3.8 NaN	3625600
Q06672	TSR2	1	1	3.9 NaN	3038900
Q06689	YLR413W	1	1	1.8 NaN	4455500
Q06697	CDC73	1	1	2.5 NaN	11898000
Q06708	VAC14	2	2	2.8 NaN	15590000
Q06709	REH1	2	2	6.5 NaN	5816700
Q07381	TSR1	1	1	1.6 NaN	2907900
Q07458	RXT3	1	1	6.1 NaN	3888800
Q07528	ATG20	1	1	1.9 NaN	3125500
Q07623	NOP6	1	1	6.7 NaN	1111800
Q07648	DTD1	1	1	5.3 NaN	5070900
Q07655	WHI4	1	1	3.7 NaN	4626700
Q07716	AIM6	1	1	5.1 NaN	4206700
Q07872	ENT4	1	1	4 NaN	1657900
Q07914	PAM18	1	1	8.9 NaN	18240000
Q07979	RSC58	1	1	1.6 NaN	4678400
Q08001	YLR072W	2	2	3.8 NaN	5913700
Q08096	RCL1	1	1	2.5 NaN	2434800
Q08193	GAS5	1	1	1.7 NaN	15559000
Q08204	SMC5	1	1	1 NaN	5807300
Q08217	PSK2	1	1	1.5 NaN	56205000
Q08237	REX4	1	1	2.8 NaN	9099300
Q08282	PPM2	1	1	0.9 NaN	12244000
Q08484	GYP1	1	1	1.7 NaN	2406900
Q08492	BUD21	1	1	11.7 NaN	2040000
Q08548	ALE1	1	1	2.3 NaN	3603000
Q08601	MCA1	1	1	2.8 NaN	3666000
Q08726	GPN2	1	1	4 NaN	4461200
Q08732	HRK1	1	1	1.4 NaN	4706100
Q08816	YOR352W	2	2	6.7 NaN	2604700
Q08822	CIR2	1	1	2.2 NaN	2148600
Q08920	CBC2	1	1	4.8 NaN	4043400

Q08959	PGC1	1	1	4 NaN	11660000
Q08967	FLC1	1	1	1.4 NaN	1489400
Q12030	TAF10	2	2	16 NaN	5097700
Q12072	IOC2	1	1	1.6 NaN	3477300
Q12084	DAS2	1	1	3.9 NaN	1689100
Q12096	GNT1	1	1	2.4 NaN	2009400
Q12102	CFT2	1	1	1 NaN	3881800
Q12117	MRH1	1	1	5.3 NaN	12839000
Q12122	LYS21	3	1	10.7 NaN	17774000
Q12149	RRP6	2	2	4.2 NaN	17133000
Q12155		1	1	5 NaN	734740
Q12158	MCD1	2	2	4.8 NaN	8730200
Q12160	YPR063C	1	1	8.6 NaN	4472500
Q12213	RPL7B	8	1	41.4 NaN	616450
Q12246	LCB4	1	1	1.3 NaN	540920
Q12263	GIN4	2	2	2 NaN	3378100
Q12277	RRP42	1	1	4.5 NaN	0
Q12296	MAM3	1	1	1.6 NaN	6971600
Q12306	SMT3	1	1	10.9 NaN	12005000
Q12329	HSP42	1	1	2.9 NaN	4172300
Q12339	UTP23	1	1	3.5 NaN	3728800
Q12343	MED4	2	2	9.2 NaN	15091000
Q12349	ATP14	1	1	11.3 NaN	18084000
Q12363	WTM1	2	2	6.2 NaN	4230300
Q12368	SNU23	1	1	6.2 NaN	2838000
Q12382	DGK1	1	1	6.9 NaN	8527000
Q12404	MPD1	1	1	3.5 NaN	1890100
Q12432	EAF3	1	1	3 NaN	2553200
Q12436	ZRT2	1	1	3.8 NaN	12058000
Q12443	RTN2	1	1	6.4 NaN	3471400
Q12517	DCP1	1	1	8.2 NaN	7202700
Q12675	DNF2	1	1	0.4 NaN	2092600
Q12751	RTP1	1	1	1.3 NaN	7671100

Q3E772	YGR169C-A	1	1	16.3 NaN	29872000
Q3E7B7	YDL085C-A	1	1	17.6 NaN	1027700
Q3E7C1	TFB5	1	1	12.5 NaN	7836500
Q6Q560	ISD11	1	1	7.4 NaN	10062000
Q8TGU7	YBR126W-A	1	1	16.2 NaN	0
Q99190	TSC13	1	1	3.5 NaN	11333000
Q99271	NHA1	1	1	1.6 NaN	0
Q99287	SEY1	2	2	2.8 NaN	5014800
Q99297	ODC2	1	1	3.6 NaN	6921200
Q99369	FSH3	1	1	3.4 NaN	3659300
Q99394	TRS33	1	1	5.2 NaN	3323800