

Line1	Sequence:	Gene Name	from:	1 to:	Gene Length	Repeats	Score	Rep Length	# Repeats	Conservation (%)	Repeated sequence (consensus)
Line2		Reps Start	Reps STOP								
#	Sequence:	Q0080	from:	1 to:	147						
		49	147	3		33	61.6				tta
#	Sequence:	Q0142	from:	1 to:	177						
		48	143	6		16	80.2				tataaa
#	Sequence:	Q0143	from:	1 to:	153						
		43	126	7		12	66.7				taataat
#	Sequence:	Q0045	from:	1 to:	1605						
		1413	1472	4		15	70.0				atta
#	Sequence:	YBL003C	from:	1 to:	399						
		7	51	9		5	82.2				gctggtaaa
#	Sequence:	YBL043W	from:	1 to:	774						
		384	446	3		21	68.3				tga
#	Sequence:	YBL053W	from:	1 to:	375						
		157	336	3		60	61.1				tct
#	Sequence:	YBR113W	from:	1 to:	483						
		116	163	3		16	85.4				ttg
#	Sequence:	YBR134W	from:	1 to:	402						
		114	149	4		9	86.1				caca
#	Sequence:	YBR135W	from:	1 to:	453						
		352	411	3		20	83.3				caa
#	Sequence:	YBR231C	from:	1 to:	912						
		117	179	9		7	73.0				cagtgatga
#	Sequence:	YBR278W	from:	1 to:	606						
		374	451	3		26	69.2				aag
#	Sequence:	YCR016W	from:	1 to:	873						
		685	768	3		28	67.9				gaa
#	Sequence:	YCR087W	from:	1 to:	516						
		237	293	3		19	87.7				gct
#	Sequence:	YDL012C	from:	1 to:	324						
		136	219	3		28	70.2				cag
#	Sequence:	YDL014W	from:	1 to:	984						
		25	249	3		75	66.7				ggt
#	Sequence:	YDL081C	from:	1 to:	321						
		187	255	3		23	68.1				gct
#	Sequence:	YDL115C	from:	1 to:	723						
		231	329	3		33	62.6				tga
#	Sequence:	YDL130W	from:	1 to:	321						
		194	253	3		20	81.7				ctg
#	Sequence:	YDL172C	from:	1 to:	480						
		49	72	3		8	100.0				ttc
#	Sequence:	YDL173W	from:	1 to:	888						
		824	847	3		8	100.0				aga
#	Sequence:	YDR033W	from:	1 to:	963						
		910	954	9		5	91.1				aagaagtct
#	Sequence:	YDR054C	from:	1 to:	888						
		661	786	3		42	66.7				gac
#	Sequence:	YDR068W	from:	1 to:	933						
		719	802	6		14	71.4				aagaag
#	Sequence:	YDR073W	from:	1 to:	510						
		73	156	6		14	88.1				gcaaat
#	Sequence:	YDR087C	from:	1 to:	837						
		557	601	3		15	75.6				aag
#	Sequence:	YDR095C	from:	1 to:	411						
		127	168	6		7	81.0				gccctt
#	Sequence:	YDR098C	from:	1 to:	858						
		472	549	6		13	66.7				gaagat
#	Sequence:	YDR099W	from:	1 to:	822						
		725	784	3		20	86.7				aac
#	Sequence:	YDR114C	from:	1 to:	303						
		228	259	4		8	90.6				tata
#	Sequence:	YDR174W	from:	1 to:	741						
		682	717	3		12	94.4				aag
#	Sequence:	YDR225W	from:	1 to:	399						
		7	51	9		5	82.2				gctggtaaa
#	Sequence:	YDR366C	from:	1 to:	399						
		170	201	4		8	90.6				tata
#	Sequence:	YDR382W	from:	1 to:	333						
		190	264	3		25	77.3				gct
#	Sequence:	YDR426C	from:	1 to:	378						
		4	31	4		7	92.9				tata
#	Sequence:	YDR544C	from:	1 to:	429						
		58	137	5		16	72.5				cacac
#	Sequence:	YEL044W	from:	1 to:	501						
		42	71	3		10	90.0				taa
#	Sequence:	YER002W	from:	1 to:	696						
		252	332	3		27	65.4				tga
#	Sequence:	YER030W	from:	1 to:	483						
		415	471	3		19	73.7				gaa
#	Sequence:	YER079W	from:	1 to:	633						
		358	411	3		18	72.2				aag
#	Sequence:	YER112W	from:	1 to:	564						
		346	501	3		52	63.5				aac
#	Sequence:	YER177W	from:	1 to:	804						
		730	771	3		14	81.0				caa
#	Sequence:	YFL015C	from:	1 to:	495						
		55	84	6		5	93.3				ttcctt
#	Sequence:	YFR008W	from:	1 to:	666						
		31	66	3		12	86.1				cag
#	Sequence:	YFR033C	from:	1 to:	444						
		76	219	6		24	77.1				gaagat
#	Sequence:	YFR036W	from:	1 to:	375						
		190	231	6		7	85.7				aacgat
#	Sequence:	YGL019W	from:	1 to:	837						
		231	284	3		18	72.2				aga
#	Sequence:	YGL024W	from:	1 to:	336						
		304	333	5		6	96.7				tatat
#	Sequence:	YGL044C	from:	1 to:	891						
		329	382	6		9	74.1				ataata
#	Sequence:	YGL058W	from:	1 to:	519						
		447	509	3		21	74.6				tga
#	Sequence:	YGL081W	from:	1 to:	963						
		741	800	3		20	83.3				aga
#	Sequence:	YGL232W	from:	1 to:	870						
		197	304	6		18	63.0				aagaaa
#	Sequence:	YGL237C	from:	1 to:	798						
		358	399	3		14	85.7				cag
#	Sequence:	YGR017W	from:	1 to:	894						
		458	577	3		40	61.7				acg
#	Sequence:	YGR114C	from:	1 to:	390						
		38	211	3		58	58.0				tct
#	Sequence:	YGR115C	from:	1 to:	780						
		475	708	3		78	55.6				tct
#	Sequence:	YGR139W	from:	1 to:	339						
		20	79	6		10	76.7				aaatta
#	Sequence:	YGR228W	from:	1 to:	345						
		39	272	3		78	58.5				ttc
#	Sequence:	YGR280C	from:	1 to:	816						
		520	666	3		49	67.3				aag
#	Sequence:	YHL005C	from:	1 to:	393						
		335	374	4		10	80.0				acat
#	Sequence:	YHL009C	from:	1 to:	993						
		317	379	3		21	74.6				ata
#	Sequence:	YHL025W	from:	1 to:	999						
		789	827	3		13	79.5				gca
#	Sequence:	YHR152W	from:	1 to:	522						
		78	140	3		21	71.4				caa
#	Sequence:	YIL100W	from:	1 to:	354						
		71	134	4		16	82.8				atat
#	Sequence:	YIL152W	from:	1 to:	708						
		238	273	3		12	86.1				cag

#	Sequence:	YIL161W	from:	1 to:	708
		99	176	6	aaataa
#	Sequence:	YIR016W	from:	1 to:	798
		266	301	3	acg
#	Sequence:	YJL075C	from:	1 to:	417
		192	287	6	atcaga
#	Sequence:	YJL115W	from:	1 to:	840
		508	726	3	gaa
#	Sequence:	YJL140W	from:	1 to:	666
		279	335	3	tga
#	Sequence:	YJL148W	from:	1 to:	702
		622	690	3	aag
#	Sequence:	YJL160C	from:	1 to:	864
		383	436	6	caactg
#	Sequence:	YJR023C	from:	1 to:	402
		26	91	3	tat
#	Sequence:	YJR115W	from:	1 to:	510
		50	101	4	acac
#	Sequence:	YJR118C	from:	1 to:	612
		527	601	3	atg
#	Sequence:	YKL030W	from:	1 to:	606
		15	98	3	tta
#	Sequence:	YKL083W	from:	1 to:	615
		10	77	4	tata
#	Sequence:	YKL096W	from:	1 to:	720
		459	506	3	ttc
#	Sequence:	YKL117W	from:	1 to:	651
		596	640	3	aag
#	Sequence:	YKR025W	from:	1 to:	849
		143	202	3	aag
#	Sequence:	YKR075C	from:	1 to:	924
		769	816	6	caccat
#	Sequence:	YKR083C	from:	1 to:	402
		305	349	3	atg
#	Sequence:	YLL020C	from:	1 to:	306
		182	265	6	tttttc
#	Sequence:	YLR009W	from:	1 to:	600
		439	537	3	gaa
#	Sequence:	YLR025W	from:	1 to:	723
		644	712	3	aag
#	Sequence:	YLR048W	from:	1 to:	759
		621	743	3	aga
#	Sequence:	YLR061W	from:	1 to:	366
		336	365	3	aga
#	Sequence:	YLR062C	from:	1 to:	378
		7	36	3	ttc
#	Sequence:	YLR101C	from:	1 to:	396
		50	109	4	atat
#	Sequence:	YLR104W	from:	1 to:	396
		87	134	6	acagca
#	Sequence:	YLR150W	from:	1 to:	822
		371	424	9	aagacgctg
#	Sequence:	YLR198C	from:	1 to:	360
		53	223	9	cttcttttc
#	Sequence:	YLR255C	from:	1 to:	354
		157	204	4	agag
#	Sequence:	YLR340W	from:	1 to:	939
		820	888	3	gct
#	Sequence:	YLR390W	from:	1 to:	339
		286	330	9	acaccacct
#	Sequence:	YLR435W	from:	1 to:	618
		450	515	6	tgaaga
#	Sequence:	YLR437C	from:	1 to:	402
		52	96	3	cag
#	Sequence:	YML084W	from:	1 to:	309
		5	29	5	ttttg
#	Sequence:	YML098W	from:	1 to:	504
		336	407	3	gga
#	Sequence:	YMR039C	from:	1 to:	879
		611	709	3	aag
#	Sequence:	YMR057C	from:	1 to:	372
		11	46	4	tata
#	Sequence:	YMR233W	from:	1 to:	681
		280	333	6	aggaaa
#	Sequence:	YMR245W	from:	1 to:	621
		344	371	4	tatg
#	Sequence:	YMR255W	from:	1 to:	567
		78	203	3	taa
#	Sequence:	YMR260C	from:	1 to:	462
		375	455	3	tga
#	Sequence:	YMR263W	from:	1 to:	606
		76	174	3	aac
#	Sequence:	YMR269W	from:	1 to:	636
		399	596	9	taaaaagaa
#	Sequence:	YNL058C	from:	1 to:	951
		702	728	3	aga
#	Sequence:	YNL099C	from:	1 to:	717
		79	153	3	gaa
#	Sequence:	YNL110C	from:	1 to:	663
		117	176	6	agatga
#	Sequence:	YNL131W	from:	1 to:	459
		109	168	3	gat
#	Sequence:	YNL151C	from:	1 to:	756
		604	732	3	gat
#	Sequence:	YNL196C	from:	1 to:	897
		172	288	9	gaaaaaaaa
#	Sequence:	YNR014W	from:	1 to:	639
		84	113	3	cag
#	Sequence:	YNR042W	from:	1 to:	429
		286	318	3	gag
#	Sequence:	YNR054C	from:	1 to:	951
		126	251	3	aga
#	Sequence:	YOL039W	from:	1 to:	321
		184	252	3	gct
#	Sequence:	YOL166C	from:	1 to:	339
		229	252	4	tata
#	Sequence:	YOR053W	from:	1 to:	342
		60	305	6	tcactg
#	Sequence:	YOR104W	from:	1 to:	849
		467	522	8	aagaagga
#	Sequence:	YOR106W	from:	1 to:	852
		492	536	3	aca
#	Sequence:	YOR281C	from:	1 to:	861
		120	221	3	aga
#	Sequence:	YOR309C	from:	1 to:	381
		64	252	9	aaaagaagg
#	Sequence:	YOR382W	from:	1 to:	462
		330	386	3	ctc
#	Sequence:	YOR394W	from:	1 to:	495
		142	192	3	gct
#	Sequence:	YPL055C	from:	1 to:	999
		449	505	3	gca
#	Sequence:	YPL229W	from:	1 to:	621
		118	153	3	cag
#	Sequence:	YPL282C	from:	1 to:	495
		142	192	3	gct
#	Sequence:	YPR142C	from:	1 to:	564
		123	173	3	ttc
#	Sequence:	YPR143W	from:	1 to:	753
		207	248	3	tga
#	Sequence:	YPR154W	from:	1 to:	648
		475	543	3	caa
#	Sequence:	YAL013W	from:	1 to:	1263
		272	481	3	agg
#	Sequence:	YAL028W	from:	1 to:	1587
		920	985	3	cgt

#	Sequence:	YAR003W	from:	1 to:	1281
		1066	1164	3	gaa
#	Sequence:	YAR042W	from:	1 to:	3567
		1300	1419	6	aatgat
#	Sequence:	YBL011W	from:	1 to:	2280
		2206	2274	3	gaa
#	Sequence:	YBL023C	from:	1 to:	2607
		150	293	3	tga
#	Sequence:	YBL029W	from:	1 to:	1131
		200	298	3	ata
#	Sequence:	YBL046W	from:	1 to:	1326
		590	907	3	atg
#	Sequence:	YBL052C	from:	1 to:	2496
		2206	2427	3	gaa
#	Sequence:	YBL084C	from:	1 to:	2277
		1072	1176	3	aat
#	Sequence:	YBL085W	from:	1 to:	2943
		2059	2106	6	aagcac
#	Sequence:	YBL091C	from:	1 to:	1266
		121	171	3	aag
#	Sequence:	YBR007C	from:	1 to:	2211
		694	759	3	aat
#	Sequence:	YBR017C	from:	1 to:	2757
		1129	1182	3	gat
#	Sequence:	YBR030W	from:	1 to:	1659
		1193	1282	3	aag
#	Sequence:	YBR050C	from:	1 to:	1017
		926	991	6	ctgaca
#	Sequence:	YBR054W	from:	1 to:	1035
		910	993	3	aag
#	Sequence:	YBR142W	from:	1 to:	2322
		414	443	6	tgagga
#	Sequence:	YBR150C	from:	1 to:	3285
		2792	3076	3	ata
#	Sequence:	YBR162C	from:	1 to:	1368
		583	651	3	tct
#	Sequence:	YBR172C	from:	1 to:	2223
		1232	1312	9	aaaaaaagg
#	Sequence:	YBR198C	from:	1 to:	2397
		1097	1168	6	aagata
#	Sequence:	YBR215W	from:	1 to:	1872
		1536	1616	3	aga
#	Sequence:	YBR247C	from:	1 to:	1452
		287	412	3	aag
#	Sequence:	YBR279W	from:	1 to:	1338
		1083	1337	3	aga
#	Sequence:	YCR042C	from:	1 to:	4224
		911	985	3	aag
#	Sequence:	YCR061W	from:	1 to:	1896
		67	120	6	gacatg
#	Sequence:	YCR089W	from:	1 to:	4830
		3707	4078	3	cat
#	Sequence:	YCR092C	from:	1 to:	3144
		393	440	3	tga
#	Sequence:	YCR093W	from:	1 to:	6327
		3025	3144	3	caa
#	Sequence:	YDL020C	from:	1 to:	1596
		898	936	3	gat
#	Sequence:	YDL031W	from:	1 to:	2988
		213	272	3	gaa
#	Sequence:	YDL035C	from:	1 to:	2886
		1409	1675	3	ata
#	Sequence:	YDL060W	from:	1 to:	2367
		1217	1378	9	atgaggaag
#	Sequence:	YDL122W	from:	1 to:	2430
		2270	2371	6	aagagc
#	Sequence:	YDL126C	from:	1 to:	2508
		2151	2243	3	aga
#	Sequence:	YDL146W	from:	1 to:	1476
		1421	1447	3	ctc
#	Sequence:	YDL148C	from:	1 to:	2433
		955	1098	6	gaagat
#	Sequence:	YDL149W	from:	1 to:	2994
		2738	2824	3	ata
#	Sequence:	YDL155W	from:	1 to:	1284
		316	372	3	gaa
#	Sequence:	YDL161W	from:	1 to:	1365
		745	873	3	caa
#	Sequence:	YDL167C	from:	1 to:	2160
		1456	1698	3	aat
#	Sequence:	YDL189W	from:	1 to:	1374
		782	814	3	gaa
#	Sequence:	YDL204W	from:	1 to:	1182
		3	56	6	gaatac
#	Sequence:	YDL220C	from:	1 to:	2775
		1424	1465	6	cgagg
#	Sequence:	YDL238C	from:	1 to:	1470
		1312	1347	6	gagcaa
#	Sequence:	YDR017C	from:	1 to:	3153
		898	954	3	gaa
#	Sequence:	YDR026C	from:	1 to:	1713
		102	158	3	gaa
#	Sequence:	YDR028C	from:	1 to:	3045
		2223	2282	6	cgaaga
#	Sequence:	YDR060W	from:	1 to:	3078
		2917	2970	3	gaa
#	Sequence:	YDR080W	from:	1 to:	2979
		234	290	3	tga
#	Sequence:	YDR081C	from:	1 to:	2778
		1566	1730	3	taa
#	Sequence:	YDR096W	from:	1 to:	2685
		1555	1611	3	aat
#	Sequence:	YDR103W	from:	1 to:	2754
		2325	2387	3	tga
#	Sequence:	YDR153C	from:	1 to:	1236
		894	989	3	taa
#	Sequence:	YDR173C	from:	1 to:	1068
		856	903	3	gat
#	Sequence:	YDR208W	from:	1 to:	2340
		949	1002	3	act
#	Sequence:	YDR228C	from:	1 to:	1881
		700	759	3	cag
#	Sequence:	YDR232W	from:	1 to:	1647
		103	186	3	gct
#	Sequence:	YDR283C	from:	1 to:	4980
		436	498	9	aaagaaaa
#	Sequence:	YDR289C	from:	1 to:	1230
		788	877	3	atg
#	Sequence:	YDR299W	from:	1 to:	1605
		292	417	3	gaa
#	Sequence:	YDR334W	from:	1 to:	4545
		4348	4479	6	gaagat
#	Sequence:	YDR359C	from:	1 to:	2949
		2720	2809	3	agc
#	Sequence:	YDR362C	from:	1 to:	2019
		206	277	3	atg
#	Sequence:	YDR388W	from:	1 to:	1449
		1037	1129	3	ctg
#	Sequence:	YDR389W	from:	1 to:	1965
		815	874	3	atg
#	Sequence:	YDR398W	from:	1 to:	1932
		1714	1836	3	gaa
#	Sequence:	YDR406W	from:	1 to:	4590
		42	71	6	gagctc
#	Sequence:	YDR409W	from:	1 to:	2715
		1483	1749	3	aat

#	Sequence:	YDR443C	from:	1 to:	4263
		3361	3408	6	8 91.7
#	Sequence:	YDR464W	from:	1 to:	4308
		74	124	3	17 72.5
#	Sequence:	YDR475C	from:	1 to:	2631
		2062	2127	6	11 69.7
#	Sequence:	YDR477W	from:	1 to:	1902
		51	89	3	13 92.3
#	Sequence:	YDR485C	from:	1 to:	2388
		155	277	3	41 60.2
#	Sequence:	YDR496C	from:	1 to:	1971
		189	320	6	22 62.1
#	Sequence:	YDR505C	from:	1 to:	2526
		1042	1080	3	13 89.7
#	Sequence:	YEL015W	from:	1 to:	1656
		548	616	3	23 66.7
#	Sequence:	YEL036C	from:	1 to:	1503
		1330	1401	3	24 83.3
#	Sequence:	YEL040W	from:	1 to:	1404
		1165	1218	3	18 81.5
#	Sequence:	YEL043W	from:	1 to:	2871
		1806	1853	6	8 79.2
#	Sequence:	YER047C	from:	1 to:	2694
		834	866	3	11 84.8
#	Sequence:	YER075C	from:	1 to:	2787
		2076	2195	3	40 68.3
#	Sequence:	YER109C	from:	1 to:	2400
		121	165	3	15 86.7
#	Sequence:	YER130C	from:	1 to:	1332
		1021	1077	3	19 70.2
#	Sequence:	YER151C	from:	1 to:	2739
		264	419	6	26 59.0
#	Sequence:	YER158C	from:	1 to:	1722
		307	366	6	10 93.3
#	Sequence:	YER161C	from:	1 to:	1002
		682	744	3	21 69.8
#	Sequence:	YER171W	from:	1 to:	2337
		2275	2322	6	8 79.2
#	Sequence:	YFL033C	from:	1 to:	5313
		1025	1075	3	17 90.2
#	Sequence:	YFL034W	from:	1 to:	3222
		755	799	3	15 77.8
#	Sequence:	YFR016C	from:	1 to:	3702
		1387	1431	3	15 91.1
#	Sequence:	YFR038W	from:	1 to:	2562
		138	167	6	5 93.3
#	Sequence:	YFR039C	from:	1 to:	1533
		520	633	6	19 72.8
#	Sequence:	YFR048W	from:	1 to:	1989
		1155	1208	9	6 77.8
#	Sequence:	YGL008C	from:	1 to:	2757
		1933	2031	3	33 61.6
#	Sequence:	YGL013C	from:	1 to:	3207
		3027	3098	3	24 84.7
#	Sequence:	YGL014W	from:	1 to:	2667
		1411	1611	3	67 66.7
#	Sequence:	YGL023C	from:	1 to:	1908
		711	755	3	15 75.6
#	Sequence:	YGL036W	from:	1 to:	2730
		1106	1261	3	52 66.0
#	Sequence:	YGL078C	from:	1 to:	1572
		63	161	9	11 82.8
#	Sequence:	YGL086W	from:	1 to:	2250
		960	1115	3	52 76.3
#	Sequence:	YGL137W	from:	1 to:	2670
		2496	2663	3	56 57.7
#	Sequence:	YGL144C	from:	1 to:	2058
		1723	1776	6	9 75.9
#	Sequence:	YGL164C	from:	1 to:	1323
		1023	1109	3	29 80.5
#	Sequence:	YGL178W	from:	1 to:	2580
		1842	1973	3	44 69.7
#	Sequence:	YGL181W	from:	1 to:	1191
		982	1077	6	16 85.4
#	Sequence:	YGL207W	from:	1 to:	3108
		2872	3057	3	62 58.1
#	Sequence:	YGL215W	from:	1 to:	1359
		1183	1212	3	10 90.0
#	Sequence:	YGL227W	from:	1 to:	2877
		491	679	3	63 63.5
#	Sequence:	YGL229C	from:	1 to:	2457
		1465	1650	3	62 61.3
#	Sequence:	YGL241W	from:	1 to:	3015
		2745	2861	3	39 64.1
#	Sequence:	YGL244W	from:	1 to:	1677
		543	713	9	19 61.4
#	Sequence:	YGR009C	from:	1 to:	1956
		1117	1170	3	18 72.2
#	Sequence:	YGR083C	from:	1 to:	1956
		188	295	6	18 68.5
#	Sequence:	YGR086C	from:	1 to:	1020
		850	972	3	41 67.5
#	Sequence:	YGR116W	from:	1 to:	4356
		85	174	3	30 64.4
#	Sequence:	YGR142W	from:	1 to:	1233
		770	895	7	18 62.7
#	Sequence:	YGR143W	from:	1 to:	2316
		378	443	3	22 69.7
#	Sequence:	YGR186W	from:	1 to:	2208
		1363	1467	3	35 61.9
#	Sequence:	YGR187C	from:	1 to:	1185
		1111	1167	3	19 80.7
#	Sequence:	YGR193C	from:	1 to:	1233
		289	339	3	17 72.5
#	Sequence:	YGR202C	from:	1 to:	1275
		76	165	6	15 65.6
#	Sequence:	YGR229C	from:	1 to:	1518
		1325	1498	3	58 60.9
#	Sequence:	YGR249W	from:	1 to:	1371
		847	873	3	9 92.6
#	Sequence:	YGR270W	from:	1 to:	4140
		358	555	9	22 60.1
#	Sequence:	YGR274C	from:	1 to:	3201
		157	207	3	17 74.5
#	Sequence:	YGR285C	from:	1 to:	1302
		913	1014	6	17 72.5
#	Sequence:	YHL002W	from:	1 to:	1359
		588	620	3	11 87.9
#	Sequence:	YHL007C	from:	1 to:	2820
		2699	2779	9	9 69.1
#	Sequence:	YHL019C	from:	1 to:	1818
		514	561	3	16 79.2
#	Sequence:	YHL023C	from:	1 to:	3441
		517	588	3	24 70.8
#	Sequence:	YHL029C	from:	1 to:	2040
		751	858	3	36 62.0
#	Sequence:	YHR016C	from:	1 to:	1407
		842	925	3	28 67.9
#	Sequence:	YHR027C	from:	1 to:	2982
		1987	2205	3	73 55.3
#	Sequence:	YHR030C	from:	1 to:	1455
		1125	1172	6	8 95.8
#	Sequence:	YHR077C	from:	1 to:	3270
		2527	2826	3	100 65.7
#	Sequence:	YHR080C	from:	1 to:	4038
		2034	2105	3	24 77.8

#	Sequence:	YHR082C	from:	1 to:	3090
	1617	1733	34	3	39 65.8
#	Sequence:	YHR117W	from:	1 to:	1920
	238	279	21	3	14 78.6
#	Sequence:	YHR161C	from:	1 to:	1914
	1670	1735	41	3	22 83.3
#	Sequence:	YHR205W	from:	1 to:	2475
	678	788	32	3	37 65.8
#	Sequence:	YIL017C	from:	1 to:	2766
	2519	2566	29	3	16 83.3
#	Sequence:	YIL026C	from:	1 to:	3453
	124	219	21	3	32 62.5
#	Sequence:	YIL045W	from:	1 to:	1617
	876	917	20	6	7 81.0
#	Sequence:	YIL075C	from:	1 to:	2838
	2419	2562	30	6	24 62.5
#	Sequence:	YIL101C	from:	1 to:	1944
	1206	1295	25	9	10 68.9
#	Sequence:	YIL105C	from:	1 to:	2061
	132	188	38	3	19 86.0
#	Sequence:	YIL123W	from:	1 to:	1428
	479	598	61	3	40 76.7
#	Sequence:	YIL130W	from:	1 to:	2895
	2464	2688	114	3	75 76.0
#	Sequence:	YIL135C	from:	1 to:	1311
	1169	1225	28	3	19 77.2
#	Sequence:	YIL146C	from:	1 to:	1590
	526	564	20	3	13 79.5
#	Sequence:	YIL154C	from:	1 to:	1041
	304	417	28	6	19 64.9
#	Sequence:	YIL156W	from:	1 to:	3216
	1414	1443	23	3	10 93.3
#	Sequence:	YIL159W	from:	1 to:	4128
	2292	2342	22	3	17 74.5
#	Sequence:	YJL005W	from:	1 to:	6081
	438	479	21	3	14 78.6
#	Sequence:	YJL019W	from:	1 to:	2049
	1171	1203	22	3	11 87.9
#	Sequence:	YJL034W	from:	1 to:	2049
	1963	2028	25	3	22 71.2
#	Sequence:	YJL049W	from:	1 to:	1353
	1112	1192	24	3	27 66.7
#	Sequence:	YJL069C	from:	1 to:	1785
	142	393	23	3	84 55.2
#	Sequence:	YJL073W	from:	1 to:	1938
	1537	1575	26	3	13 87.2
#	Sequence:	YJL076W	from:	1 to:	3570
	3348	3443	34	6	16 70.8
#	Sequence:	YJL083W	from:	1 to:	1815
	1188	1235	21	3	16 75.0
#	Sequence:	YJL123C	from:	1 to:	1437
	273	422	45	3	50 66.0
#	Sequence:	YJL141C	from:	1 to:	2424
	187	246	37	3	20 83.3
#	Sequence:	YJL162C	from:	1 to:	1449
	688	759	29	3	24 72.2
#	Sequence:	YJR045C	from:	1 to:	1965
	1895	1936	25	3	14 83.3
#	Sequence:	YJR053W	from:	1 to:	1725
	576	620	22	3	15 77.8
#	Sequence:	YJR066W	from:	1 to:	7413
	58	129	22	6	12 69.4
#	Sequence:	YJR090C	from:	1 to:	3456
	110	151	31	3	14 90.5
#	Sequence:	YJR091C	from:	1 to:	3276
	3193	3240	25	3	16 79.2
#	Sequence:	YJR094C	from:	1 to:	1083
	735	806	23	3	24 68.1
#	Sequence:	YJR126C	from:	1 to:	2436
	3	38	20	4	9 83.3
#	Sequence:	YJR127C	from:	1 to:	4143
	1269	1301	24	3	11 90.9
#	Sequence:	YKL005C	from:	1 to:	1785
	448	528	20	3	27 64.2
#	Sequence:	YKL010C	from:	1 to:	4452
	85	231	34	3	49 62.6
#	Sequence:	YKL020C	from:	1 to:	3249
	1112	1171	22	6	10 73.3
#	Sequence:	YKL022C	from:	1 to:	2523
	511	591	26	3	27 67.9
#	Sequence:	YKL028W	from:	1 to:	1449
	1118	1246	46	3	43 69.0
#	Sequence:	YKL105C	from:	1 to:	3399
	1773	1946	89	3	58 76.4
#	Sequence:	YKL108W	from:	1 to:	1362
	856	948	24	3	31 64.5
#	Sequence:	YKL109W	from:	1 to:	1665
	480	530	20	3	17 72.5
#	Sequence:	YKL125W	from:	1 to:	1884
	754	846	38	3	31 72.0
#	Sequence:	YKL129C	from:	1 to:	3816
	3768	3809	27	3	14 85.7
#	Sequence:	YKL139W	from:	1 to:	1587
	1511	1582	31	3	24 73.6
#	Sequence:	YKL146W	from:	1 to:	2079
	781	828	21	3	16 75.0
#	Sequence:	YKL172W	from:	1 to:	1284
	315	518	47	3	68 62.3
#	Sequence:	YKL175W	from:	1 to:	1512
	330	401	28	6	12 73.6
#	Sequence:	YKL198C	from:	1 to:	1950
	1833	1877	30	9	5 93.3
#	Sequence:	YKR015C	from:	1 to:	1707
	1392	1424	20	3	11 84.8
#	Sequence:	YKR028W	from:	1 to:	3297
	2479	2580	25	3	34 63.7
#	Sequence:	YKR048C	from:	1 to:	1254
	1108	1209	31	3	34 66.7
#	Sequence:	YKR063C	from:	1 to:	1509
	482	532	22	3	17 74.5
#	Sequence:	YKR066C	from:	1 to:	1086
	73	108	25	3	12 88.9
#	Sequence:	YKR072C	from:	1 to:	1689
	1484	1654	96	3	57 78.9
#	Sequence:	YKR079C	from:	1 to:	2517
	2428	2490	20	9	7 73.0
#	Sequence:	YKR081C	from:	1 to:	1035
	904	984	22	3	27 65.4
#	Sequence:	YKR096W	from:	1 to:	3588
	627	764	64	6	23 75.4
#	Sequence:	YLL010C	from:	1 to:	1284
	483	542	36	6	10 85.0
#	Sequence:	YLL022C	from:	1 to:	1158
	276	311	22	6	6 88.9
#	Sequence:	YLL043W	from:	1 to:	2010
	148	207	33	3	20 80.0
#	Sequence:	YLR002C	from:	1 to:	1992
	274	381	23	3	36 62.0
#	Sequence:	YLR019W	from:	1 to:	1194
	310	420	32	3	37 65.8
#	Sequence:	YLR055C	from:	1 to:	1809
	113	229	56	3	39 75.2
#	Sequence:	YLR072W	from:	1 to:	2082
	1028	1099	23	3	24 68.1
#	Sequence:	YLR095C	from:	1 to:	2439
	2304	2393	31	9	10 72.2
					accacagca

#	Sequence:	YLR113W	from:	1 to:	1308
		1110	1145	6	ggctca
#	Sequence:	YLR114C	from:	1 to:	2295
		1803	2135	3	tga
#	Sequence:	YLR131C	from:	1 to:	2313
		1064	1129	3	ata
#	Sequence:	YLR141W	from:	1 to:	1092
		937	981	9	gaaaatcaa
#	Sequence:	YLR175W	from:	1 to:	1452
		1270	1449	9	gaaaagaaa
#	Sequence:	YLR177W	from:	1 to:	1887
		466	507	3	cag
#	Sequence:	YLR196W	from:	1 to:	1731
		1672	1719	6	gatgaa
#	Sequence:	YLR197W	from:	1 to:	1515
		1326	1505	9	ggaaaagaa
#	Sequence:	YLR222C	from:	1 to:	2454
		1945	2001	3	gaa
#	Sequence:	YLR249W	from:	1 to:	3135
		3025	3093	3	aag
#	Sequence:	YLR256W	from:	1 to:	4509
		525	569	3	aca
#	Sequence:	YLR263W	from:	1 to:	2484
		1084	1164	3	gaa
#	Sequence:	YLR273C	from:	1 to:	1947
		58	153	6	tcactc
#	Sequence:	YLR290C	from:	1 to:	834
		421	470	10	caaaaaaag
#	Sequence:	YLR310C	from:	1 to:	4770
		1177	1227	3	aat
#	Sequence:	YLR357W	from:	1 to:	2670
		2082	2135	6	acagca
#	Sequence:	YLR373C	from:	1 to:	2706
		1933	2067	3	aac
#	Sequence:	YLR436C	from:	1 to:	3825
		2410	2481	6	aatcaa
#	Sequence:	YLR451W	from:	1 to:	2661
		2027	2092	3	aag
#	Sequence:	YML007W	from:	1 to:	1953
		1179	1214	9	tagcactgg
#	Sequence:	YML013W	from:	1 to:	1755
		1714	1749	9	gatgaagaa
#	Sequence:	YML017W	from:	1 to:	1782
		1355	1423	3	ata
#	Sequence:	YML034W	from:	1 to:	2505
		334	456	3	gat
#	Sequence:	YML049C	from:	1 to:	4086
		2368	2421	3	gaa
#	Sequence:	YML059C	from:	1 to:	5040
		764	883	3	atg
#	Sequence:	YML071C	from:	1 to:	1824
		1126	1485	3	gaa
#	Sequence:	YML072C	from:	1 to:	4638
		1856	1969	3	aag
#	Sequence:	YML097C	from:	1 to:	1356
		939	1031	3	aga
#	Sequence:	YML103C	from:	1 to:	4968
		1595	1636	3	aac
#	Sequence:	YML117W	from:	1 to:	3405
		2781	2864	6	tgaaaa
#	Sequence:	YMR006C	from:	1 to:	2121
		1894	2019	6	acttca
#	Sequence:	YMR008C	from:	1 to:	1995
		1791	1886	6	ctctgc
#	Sequence:	YMR019W	from:	1 to:	2850
		2554	2610	3	gat
#	Sequence:	YMR049C	from:	1 to:	2424
		138	287	3	tga
#	Sequence:	YMR075W	from:	1 to:	2055
		51	89	3	ttc
#	Sequence:	YMR089C	from:	1 to:	2478
		463	501	3	cca
#	Sequence:	YMR091C	from:	1 to:	1308
		93	197	3	tga
#	Sequence:	YMR128W	from:	1 to:	3804
		2081	2152	9	acgaagaag
#	Sequence:	YMR135C	from:	1 to:	1368
		534	557	3	gca
#	Sequence:	YMR136W	from:	1 to:	1683
		193	276	3	aac
#	Sequence:	YMR160W	from:	1 to:	2451
		13	84	9	cagcagaaa
#	Sequence:	YMR172W	from:	1 to:	2160
		1602	1709	3	tga
#	Sequence:	YMR177W	from:	1 to:	1533
		366	425	6	gcattc
#	Sequence:	YMR185W	from:	1 to:	2946
		1870	1944	3	gaa
#	Sequence:	YMR186W	from:	1 to:	2118
		660	794	3	aga
#	Sequence:	YMR190C	from:	1 to:	4344
		913	966	3	aat
#	Sequence:	YMR204C	from:	1 to:	1263
		887	931	3	atg
#	Sequence:	YMR216C	from:	1 to:	2229
		1389	1460	3	taa
#	Sequence:	YMR219W	from:	1 to:	4977
		1169	1408	6	atgaaa
#	Sequence:	YMR235C	from:	1 to:	1224
		1041	1124	3	tga
#	Sequence:	YMR239C	from:	1 to:	1416
		482	547	6	aagatg
#	Sequence:	YMR266W	from:	1 to:	2862
		4	48	9	aatagtact
#	Sequence:	YMR277W	from:	1 to:	2199
		1971	2015	3	cga
#	Sequence:	YMR305C	from:	1 to:	1170
		328	387	6	tcactc
#	Sequence:	YMR307W	from:	1 to:	1680
		1470	1571	3	ttc
#	Sequence:	YMR308C	from:	1 to:	3270
		2438	2509	3	atg
#	Sequence:	YNL004W	from:	1 to:	1290
		90	152	9	cagagaaag
#	Sequence:	YNL047C	from:	1 to:	1971
		325	357	3	aat
#	Sequence:	YNL049C	from:	1 to:	2631
		883	972	3	gat
#	Sequence:	YNL076W	from:	1 to:	1755
		927	977	3	tga
#	Sequence:	YNL112W	from:	1 to:	1641
		1516	1590	3	ggt
#	Sequence:	YNL127W	from:	1 to:	2862
		324	563	3	tga
#	Sequence:	YNL136W	from:	1 to:	1278
		766	1101	3	gaa
#	Sequence:	YNL144C	from:	1 to:	2223
		1649	1744	6	atgaag
#	Sequence:	YNL154C	from:	1 to:	1641
		1252	1335	6	caggca
#	Sequence:	YNL176C	from:	1 to:	1911
		373	555	3	tca
#	Sequence:	YNL197C	from:	1 to:	1986
		739	831	3	caa
#	Sequence:	YNL207W	from:	1 to:	1278
		1046	1183	3	atg

#	Sequence:	YNL229C	from:	1 to:	1065
		130	237	3	aat
#	Sequence:	YNL243W	from:	1 to:	2907
		1136	1243	9	agcagcaac
#	Sequence:	YNL258C	from:	1 to:	2265
		1162	1359	9	gaagaagat
#	Sequence:	YNL271C	from:	1 to:	5862
		3830	3871	3	ctc
#	Sequence:	YNL288W	from:	1 to:	1122
		169	249	9	gataataac
#	Sequence:	YNL293W	from:	1 to:	1902
		292	387	3	gat
#	Sequence:	YNL294C	from:	1 to:	1602
		1485	1535	3	tga
#	Sequence:	YNL298W	from:	1 to:	2529
		1113	1160	3	gca
#	Sequence:	YNL309W	from:	1 to:	1263
		469	516	6	aataac
#	Sequence:	YNL317W	from:	1 to:	1398
		13	48	6	aatcag
#	Sequence:	YNL325C	from:	1 to:	2640
		2400	2444	3	tga
#	Sequence:	YNR041C	from:	1 to:	1119
		106	138	3	tcc
#	Sequence:	YNR047W	from:	1 to:	2682
		9	62	6	acacga
#	Sequence:	YNR051C	from:	1 to:	1548
		535	588	6	gaaaaa
#	Sequence:	YOL011W	from:	1 to:	2061
		1878	1928	3	ttc
#	Sequence:	YOL019W	from:	1 to:	1656
		1345	1395	3	caa
#	Sequence:	YOL030W	from:	1 to:	1455
		1213	1314	6	tcattct
#	Sequence:	YOL054W	from:	1 to:	1221
		756	872	9	tgatgaaga
#	Sequence:	YOL087C	from:	1 to:	3351
		1088	1120	3	atc
#	Sequence:	YOL132W	from:	1 to:	1416
		1279	1320	3	gaa
#	Sequence:	YOL138C	from:	1 to:	4026
		2255	2293	3	atg
#	Sequence:	YOL144W	from:	1 to:	1455
		833	871	3	aag
#	Sequence:	YOL145C	from:	1 to:	3234
		3176	3220	9	atgataacg
#	Sequence:	YOL148C	from:	1 to:	1815
		1653	1685	3	taa
#	Sequence:	YOR014W	from:	1 to:	2274
		609	653	3	taa
#	Sequence:	YOR054C	from:	1 to:	2025
		1734	1985	6	tgacga
#	Sequence:	YOR056C	from:	1 to:	1380
		452	499	8	aaaaagag
#	Sequence:	YOR087W	from:	1 to:	2028
		1892	1939	3	atg
#	Sequence:	YOR134W	from:	1 to:	1230
		955	978	3	cat
#	Sequence:	YOR141C	from:	1 to:	2646
		231	344	6	agatga
#	Sequence:	YOR156C	from:	1 to:	2181
		19	48	3	aat
#	Sequence:	YOR178C	from:	1 to:	2382
		1504	1608	3	tct
#	Sequence:	YOR181W	from:	1 to:	1902
		1505	1600	3	cac
#	Sequence:	YOR208W	from:	1 to:	2253
		643	708	6	aattta
#	Sequence:	YOR211C	from:	1 to:	2709
		544	597	3	gat
#	Sequence:	YOR229W	from:	1 to:	1404
		259	309	3	gac
#	Sequence:	YOR254C	from:	1 to:	1992
		1870	1980	3	gat
#	Sequence:	YOR310C	from:	1 to:	1536
		1346	1534	9	aaaagaagg
#	Sequence:	YOR329C	from:	1 to:	2619
		2466	2504	3	gca
#	Sequence:	YOR341W	from:	1 to:	4995
		4095	4268	6	agatga
#	Sequence:	YOR359W	from:	1 to:	1572
		259	303	3	cag
#	Sequence:	YOR372C	from:	1 to:	1665
		280	339	3	caa
#	Sequence:	YOR373W	from:	1 to:	2556
		666	743	3	taa
#	Sequence:	YPL004C	from:	1 to:	1026
		847	981	9	gaagatgaa
#	Sequence:	YPL009C	from:	1 to:	3117
		2135	2275	3	aag
#	Sequence:	YPL026C	from:	1 to:	1509
		1122	1253	6	agaaca
#	Sequence:	YPL036W	from:	1 to:	2844
		87	149	9	ttttctc
#	Sequence:	YPL043W	from:	1 to:	2058
		719	835	9	atgaagaag
#	Sequence:	YPL049C	from:	1 to:	1359
		1008	1043	6	aagcac
#	Sequence:	YPL083C	from:	1 to:	1404
		55	93	3	gaa
#	Sequence:	YPL115C	from:	1 to:	3387
		2378	2425	3	ata
#	Sequence:	YPL146C	from:	1 to:	1368
		841	885	3	gaa
#	Sequence:	YPL158C	from:	1 to:	2277
		1954	2127	3	gaa
#	Sequence:	YPL179W	from:	1 to:	1650
		464	544	3	ctt
#	Sequence:	YPL184C	from:	1 to:	1839
		14	85	6	ataaca
#	Sequence:	YPL203W	from:	1 to:	1143
		91	144	3	caa
#	Sequence:	YPL204W	from:	1 to:	1485
		1182	1250	3	gca
#	Sequence:	YPL216W	from:	1 to:	3309
		870	905	9	ggaaacgctc
#	Sequence:	YPL226W	from:	1 to:	3591
		209	289	9	acaacaact
#	Sequence:	YPL240C	from:	1 to:	2130
		660	806	3	aga
#	Sequence:	YPL270W	from:	1 to:	2322
		2096	2197	6	ataatg
#	Sequence:	YPL277C	from:	1 to:	1464
		478	501	3	cca
#	Sequence:	YPR003C	from:	1 to:	2265
		214	267	9	aataataca
#	Sequence:	YPR008W	from:	1 to:	2085
		1003	1128	3	aat
#	Sequence:	YPR030W	from:	1 to:	3366
		3265	3297	3	aat
#	Sequence:	YPR033C	from:	1 to:	1641
		70	141	9	gctgctaat
#	Sequence:	YPR042C	from:	1 to:	3228
		2979	3194	3	taa
#	Sequence:	YPR065W	from:	1 to:	1107
		302	370	3	agc

#	Sequence:	YPR095C	from:	1 to:	3681
		1291	1329	3	caa
#	Sequence:	YPR097W	from:	1 to:	3222
		1297	1374	3	gat
#	Sequence:	YPR104C	from:	1 to:	2811
		2454	2585	6	tggttag
#	Sequence:	YPR120C	from:	1 to:	1308
		322	369	3	gaa
#	Sequence:	YPR129W	from:	1 to:	1050
		304	363	6	caagct
#	Sequence:	YPR148C	from:	1 to:	1308
		584	628	9	atgaagaag
#	Sequence:	YPR152C	from:	1 to:	1398
		529	576	6	gaggaa
#	Sequence:	YPR163C	from:	1 to:	1311
		1161	1241	3	aga
#	Sequence:	YPR189W	from:	1 to:	4299
		1070	1189	6	atgaag
#	Sequence:	YLL005C	from:	1 to:	2607
		793	852	10	attcaaaaa
#	Sequence:	YLR033W	from:	1 to:	1509
		962	1051	10	aaagaagaa
#	Sequence:	YNL179C	from:	1 to:	438
		133	209	11	tcttttttt
#	Sequence:	Q0182	from:	1 to:	405
		184	333	15	attaataattatatt
#	Sequence:	YDR133C	from:	1 to:	336
		78	125	12	ccaaccgaaaag
#	Sequence:	YDR134C	from:	1 to:	411
		262	309	12	ccaaccgaaaag
#	Sequence:	YDR510W	from:	1 to:	306
		11	58	12	cagaagcaagc
#	Sequence:	YGR069W	from:	1 to:	336
		81	140	12	ttttttatatt
#	Sequence:	YGR214W	from:	1 to:	759
		620	751	12	ctgaagaagaag
#	Sequence:	YJL113W	from:	1 to:	5412
		3663	3761	11	aaacaagaaaa
#	Sequence:	YJR150C	from:	1 to:	897
		505	588	12	agctctgttga
#	Sequence:	YKL023W	from:	1 to:	834
		724	771	12	aaaaagcaggaa
#	Sequence:	YLR125W	from:	1 to:	411
		217	276	12	gattcagaagaa
#	Sequence:	YNL322C	from:	1 to:	942
		444	503	12	gttttctctgc
#	Sequence:	YAL005C	from:	1 to:	1929
		1825	1884	12	gggtgtgtctcca
#	Sequence:	YBL047C	from:	1 to:	4146
		1651	1710	12	ggcgtgctgct
#	Sequence:	YCR048W	from:	1 to:	1833
		460	507	12	aagactacgggtg
#	Sequence:	YCR087C-A	from:	1 to:	462
		188	253	6	agaagc
#	Sequence:	YDL211C	from:	1 to:	1119
		657	728	12	cggagtataat
#	Sequence:	YDR097C	from:	1 to:	3729
		483	614	12	taaagaagacga
#	Sequence:	YDR273W	from:	1 to:	1098
		679	738	12	aagggaagag
#	Sequence:	YDR365C	from:	1 to:	1887
		361	408	12	gtagaagtgaa
#	Sequence:	YFL013W-A	from:	1 to:	804
		11	42	4	gtgt
#	Sequence:	YFL021C-A	from:	1 to:	855
		564	591	4	atat
#	Sequence:	YFR052C-A	from:	1 to:	306
		237	280	4	tata
#	Sequence:	YGL122C	from:	1 to:	1578
		322	489	12	cctcaacagcaa
#	Sequence:	YGR279C	from:	1 to:	1161
		191	358	12	ctgcttctctg
#	Sequence:	YHL034W-A	from:	1 to:	462
		406	459	6	cctctg
#	Sequence:	YHR028W-A	from:	1 to:	321
		269	296	4	atat
#	Sequence:	YIL030W-A	from:	1 to:	339
		192	233	6	ttttat
#	Sequence:	YIL037C	from:	1 to:	1971
		194	265	12	cagccacaacaa
#	Sequence:	YIL046W-A	from:	1 to:	165
		70	141	4	gtgt
#	Sequence:	YIL100C-A	from:	1 to:	339
		175	238	4	tata
#	Sequence:	YLR361C-A	from:	1 to:	297
		9	38	3	taa
#	Sequence:	YLR406C-A	from:	1 to:	150
		68	99	8	tacatccg
#	Sequence:	YLR412C-A	from:	1 to:	207
		69	172	8	aaaagaaa
#	Sequence:	YML012C-A	from:	1 to:	378
		7	66	3	tct
#	Sequence:	YMR109W	from:	1 to:	3660
		3118	3189	12	gctgctgccct
#	Sequence:	YMR122W-A	from:	1 to:	255
		13	150	6	acttcc
#	Sequence:	YMR276W	from:	1 to:	1122
		773	832	12	caggtaactaacg
#	Sequence:	YMR316C-B	from:	1 to:	309
		146	244	3	tag
#	Sequence:	YNL061W	from:	1 to:	1857
		268	495	12	gatgaagaagaa
#	Sequence:	YNL078W	from:	1 to:	1224
		121	192	12	tcaaatcgaac
#	Sequence:	YNL166C	from:	1 to:	1347
		460	591	12	aatgaggatgaa
#	Sequence:	YNL186W	from:	1 to:	2379
		511	594	12	ggatgaagacatc
#	Sequence:	YOL105C	from:	1 to:	1671
		560	775	12	ctaccttctta
#	Sequence:	YOR008C	from:	1 to:	1137
		383	490	12	catctacatcat
#	Sequence:	YOR197W	from:	1 to:	1362
		148	243	12	cagcaatatggt
#	Sequence:	YOR204W	from:	1 to:	1815
		100	183	12	agcaacaacggt
#	Sequence:	YBL002W	from:	1 to:	396
		19	78	15	aagaaccagctgcc
#	Sequence:	YDL037C	from:	1 to:	987
		485	784	15	cttcatcttacta
#	Sequence:	YER176W	from:	1 to:	3366
		745	828	14	aatagaaaaaagg
#	Sequence:	YHR143W	from:	1 to:	978
		298	612	15	tcatcttcttctt
#	Sequence:	YHR217C	from:	1 to:	462
		57	311	15	accacccccacccc
#	Sequence:	YIL025C	from:	1 to:	375
		5	79	15	taaatatatattt
#	Sequence:	YJR012C	from:	1 to:	624
		519	593	15	taatgacgatgacaa
#	Sequence:	YKR040C	from:	1 to:	504
		428	502	15	aaaaaaaaaaaaata
#	Sequence:	YNL190W	from:	1 to:	615
		123	467	15	gactacgaacaacaa
#	Sequence:	YBR238C	from:	1 to:	2196
		271	390	15	aatacaaccataat

#	Sequence:	YCL043C	from:	1	to:	1569
		1474	1548	22	15	5 74.7
#	Sequence:	YCR057C	from:	1	to:	2772
		2557	2676	23	15	8 65.8
#	Sequence:	YDR093W	from:	1	to:	4839
		234	338	26	15	7 69.5
#	Sequence:	YFL042C	from:	1	to:	2025
		1001	1090	23	15	6 71.1
#	Sequence:	YGL073W	from:	1	to:	2502
		1419	1538	25	15	8 66.7
#	Sequence:	YGL203C	from:	1	to:	2190
		1519	1833	68	15	21 63.2
#	Sequence:	YGL228W	from:	1	to:	1734
		1568	1612	22	15	3 91.1
#	Sequence:	YKL081W	from:	1	to:	1239
		655	714	29	15	4 86.7
#	Sequence:	YKL096W-A	from:	1	to:	279
		106	153	20	12	4 83.3
#	Sequence:	YKR042W	from:	1	to:	1353
		459	563	38	15	7 75.2
#	Sequence:	YML062C	from:	1	to:	1179
		891	1100	35	15	14 61.9
#	Sequence:	YMR086C-A	from:	1	to:	339
		29	64	22	12	3 97.2
#	Sequence:	YMR165C	from:	1	to:	2589
		2541	2585	24	15	3 93.3
#	Sequence:	YNL181W	from:	1	to:	1224
		1052	1141	25	15	6 72.2
#	Sequence:	YNL272C	from:	1	to:	2280
		1698	1802	32	15	7 72.4
#	Sequence:	YPL105C	from:	1	to:	2550
		1280	1429	43	15	10 69.3
#	Sequence:	YPR075C	from:	1	to:	1083
		422	481	25	15	4 83.3
#	Sequence:	YBR217W	from:	1	to:	561
		236	320	20	17	5 71.8
#	Sequence:	YLR321C	from:	1	to:	1281
		1146	1209	22	16	4 79.7
#	Sequence:	YBR067C	from:	1	to:	633
		338	535	70	18	11 72.2
#	Sequence:	YBR152W	from:	1	to:	876
		196	285	28	18	5 75.6
#	Sequence:	YHL034C	from:	1	to:	885
		373	498	56	18	7 79.4
#	Sequence:	YKR013W	from:	1	to:	990
		424	531	50	18	6 81.5
#	Sequence:	YLR068W	from:	1	to:	456
		181	270	20	18	5 71.1
#	Sequence:	YLR331C	from:	1	to:	378
		140	247	24	18	6 69.4
#	Sequence:	YML053C	from:	1	to:	639
		229	354	50	18	7 77.0
#	Sequence:	YBR059C	from:	1	to:	3327
		2152	2241	40	18	5 82.2
#	Sequence:	YDR148C	from:	1	to:	1392
		538	627	32	18	5 77.8
#	Sequence:	YGL133W	from:	1	to:	3795
		1857	1946	20	18	5 71.1
#	Sequence:	YJL050W	from:	1	to:	3222
		135	224	22	18	5 72.2
#	Sequence:	YKL143W	from:	1	to:	1392
		660	821	22	18	9 62.3
#	Sequence:	YLL066W-B	from:	1	to:	171
		57	116	23	15	4 81.7
#	Sequence:	YMR215W	from:	1	to:	1575
		1404	1475	28	18	4 81.9
#	Sequence:	YNL338W	from:	1	to:	159
		59	115	34	19	3 96.5
#	Sequence:	YOR017W	from:	1	to:	2403
		358	465	48	18	6 80.6
#	Sequence:	YOR140W	from:	1	to:	2301
		392	481	22	18	5 72.2
#	Sequence:	YPL228W	from:	1	to:	1650
		254	325	20	18	4 76.4
#	Sequence:	YPR088C	from:	1	to:	1626
		1350	1439	40	18	5 82.2
#	Sequence:	Q0160	from:	1	to:	708
		535	672	23	23	6 66.7
#	Sequence:	YDR433W	from:	1	to:	441
		108	380	52	21	13 63.4
#	Sequence:	YIL106W	from:	1	to:	945
		70	216	26	21	7 66.0
#	Sequence:	YIL138C	from:	1	to:	486
		376	480	20	21	5 69.5
#	Sequence:	YKL082C	from:	1	to:	1305
		939	1078	20	20	7 64.3
#	Sequence:	YNL079C	from:	1	to:	600
		51	176	33	21	6 71.4
#	Sequence:	Q0055	from:	1	to:	2565
		802	969	34	24	7 67.3
#	Sequence:	YDL140C	from:	1	to:	5202
		4627	5151	272	21	25 77.9
#	Sequence:	YDL239C	from:	1	to:	2373
		1104	1250	26	21	7 66.0
#	Sequence:	YDR251W	from:	1	to:	2493
		1466	1528	20	21	3 82.5
#	Sequence:	YDR259C	from:	1	to:	1152
		807	995	56	21	9 70.4
#	Sequence:	YDR356W	from:	1	to:	2835
		683	1081	50	21	19 58.9
#	Sequence:	YDR420W	from:	1	to:	5409
		1326	2501	303	21	56 63.8
#	Sequence:	YEL055C	from:	1	to:	3069
		2107	2253	26	21	7 66.0
#	Sequence:	YEL061C	from:	1	to:	3003
		1571	1759	20	21	9 60.8
#	Sequence:	YGR245C	from:	1	to:	2304
		1680	1889	31	21	10 62.4
#	Sequence:	YIL136W	from:	1	to:	1182
		1072	1134	20	21	3 82.5
#	Sequence:	YJL074C	from:	1	to:	3693
		549	653	22	21	5 70.5
#	Sequence:	YLR237W	from:	1	to:	1797
		1178	1240	20	21	3 82.5
#	Sequence:	YML009W-B	from:	1	to:	477
		138	209	24	18	4 79.2
#	Sequence:	YNL007C	from:	1	to:	1059
		436	498	34	21	3 93.7
#	Sequence:	YOR071C	from:	1	to:	1797
		1178	1240	20	21	3 82.5
#	Sequence:	YPL020C	from:	1	to:	1866
		1085	1252	21	21	8 62.5
#	Sequence:	YPR186C	from:	1	to:	1290
		1135	1281	20	21	7 63.9
#	Sequence:	YDR504C	from:	1	to:	384
		63	246	41	23	8 67.4
#	Sequence:	YCR076C	from:	1	to:	753
		682	753	28	24	3 86.1
#	Sequence:	YKL063C	from:	1	to:	504
		378	473	20	24	4 72.9
#	Sequence:	YKL202W	from:	1	to:	582
		129	536	262	24	17 85.0
#	Sequence:	YNL208W	from:	1	to:	600
		397	588	82	24	8 77.6
#	Sequence:	YAL064W-B	from:	1	to:	381
		214	318	34	21	5 76.2
						gctgaggaagaagat
						gatgacgacgaggaa
						tgatgaaaacgatga
						acactaatgataatg
						aattaataacaacat
						gacgatgatgatgaa
						aggaacgtgaaagaa
						aagcaaaaggccgaa
						gctaccaccact
						ttcctcttctcctc
						agatgatgaggatga
						taggaacacgaa
						cgatgaattcgaaga
						aatttgataataaag
						tacagatgattcttc
						agggaaaagaaaaga
						atgaggatgaagacg
						aagaagaacaaacaaa
						atataaagagagaaaa
						catcttctgccgacgctt
						gaaagtgatgatgtagc
						agaggcggttcagaggc
						ccaaccactactactagc
						aggaagataaaggaaaaa
						tacttgaggaagaactg
						aataacaacaataataat
						caacagatgcaagttcag
						ccaagaaagaagctgct
						aaacgaaacaaaatctga
						ggaagataaaaacaaaaa
						tgatgtagaagatgtga
						acaccacacacacac
						ttcatctcaagcaccag
						ccacccccacccccacaca
						tatcctgtaggagaaca
						atagtaacgatgacagta
						atgctgatgaagaatgg
						tatgccaacatgcctgg
						ttataaattaatttatattaa
						ggttatggtgtccaagaggt
						aatacagcaaatgcaataat
						tttgaaaaagaattggaagaa
						aaaagcagaacgaaaagaa
						atggaggataagaacgagga
						aataaataaaaggaattaataat
						tctccaacatcaccatcgtac
						gcaaaaagaattgaaaatt
						aagagcgtgagttagaattac
						aaataatgttaagaatga
						aattgaaagaatgaaaaata
						ttcttaccatcagcgtccgc
						gaaggtgaggaagaagatgat
						aaaatttaaaacagaatag
						agaagatgatgacatgaaga
						gccaagaacaagtacgatgaa
						ccagaaaatgaatgaaataga
						ctccttcttctgtcatga
						ggtggtgcatcaactgg
						atgggaggtatgctgctggc
						ctccttctgctgctcatga
						aatttgacaaaaataaaaaag
						aaggaaaagtacaaaatacat
						tttttttttttttttttttt
						ggttcaggatctggcggattgga
						acaaaaagatcaagacaagaaaaa
						ttcttcttcttcttcttctcc
						ggtcgtcaaggattcgggtgcca
						gtggttcttctgttctccct

#	Sequence:	YDL130W-A	from:	1	to:	261
		161	223	20	21	aacaagagaaggaacaattag
#	Sequence:	YDL207W	from:	1	to:	1617
		450	713	28	24	agaagaaaagcaacagaaggaaga
#	Sequence:	YDR213W	from:	1	to:	2742
		865	1056	64	24	caacaacaactcagcagcaaca
#	Sequence:	YER008C	from:	1	to:	4011
		998	1381	46	24	aacaaagacaaaaagaagaggaag
#	Sequence:	YFR012W	from:	1	to:	609
		433	482	25	25	tttgcctgaccctgctctcttcc
#	Sequence:	YGR189C	from:	1	to:	1524
		931	1098	80	24	actgtatcttctcggcttctcc
#	Sequence:	YKL201C	from:	1	to:	3537
		3120	3527	270	24	agaaaagaagaagaagaagaaga
#	Sequence:	YLL024C	from:	1	to:	1920
		1820	1915	20	24	aagctccagctgctccagaagtg
#	Sequence:	YAL065C	from:	1	to:	387
		4	84	28	27	aatactggagctgctgagacaacaacc
#	Sequence:	YHR089C	from:	1	to:	618
		480	587	49	27	tttcagaggagctctctggtggatc
#	Sequence:	YJL079C	from:	1	to:	900
		364	444	36	27	gctaccaccacttctacaccgctgct
#	Sequence:	YJR093C	from:	1	to:	984
		861	941	20	27	accatgctggtgcttccaccctt
#	Sequence:	YKL163W	from:	1	to:	978
		242	511	67	27	ctactgctgctgctgttctcaaat
#	Sequence:	YDR077W	from:	1	to:	1017
		178	366	50	27	aacgctacaccaactgaagctccaact
#	Sequence:	YDR172W	from:	1	to:	2058
		207	287	22	27	ctatcaacagtaaaatcctcaaggagg
#	Sequence:	YDR209C	from:	1	to:	414
		266	385	52	30	ataacctgtgtgggggacctgttgata
#	Sequence:	YDR210W	from:	1	to:	228
		6	125	58	30	accacaacaagggtattatcaacaaggacc
#	Sequence:	YFL010C	from:	1	to:	636
		546	605	28	30	tgatgatgctggtggttcgacggcgatt
#	Sequence:	YCL061C	from:	1	to:	3291
		1671	1760	22	30	ataatctggtagtgaatgacgatgatga
#	Sequence:	YCR033W	from:	1	to:	3681
		120	209	20	30	caataatgcatctgactctctactgc
#	Sequence:	YDR457W	from:	1	to:	9807
		5720	5869	22	30	atgatgtggcagaagttgatgaagatgatg
#	Sequence:	YEL060C	from:	1	to:	1908
		381	470	20	30	ccacgaaaagaagtgaggaaaagaagca
#	Sequence:	YGR196C	from:	1	to:	2454
		1156	1275	34	30	tccatagaagcagaaatgaagataatgaa
#	Sequence:	YHL028W	from:	1	to:	1818
		445	864	130	30	acatccactccacaagcacaacatcgta
#	Sequence:	YIL115C	from:	1	to:	4383
		1683	1892	22	30	ctctggaactgcatctgtaaggcatcttc
#	Sequence:	YJL041W	from:	1	to:	2472
		175	294	32	30	tctacgactaatgattggtagcaataat
#	Sequence:	YLR103C	from:	1	to:	1953
		499	618	24	30	gaggagaatgatgacgatgaggtcacagat
#	Sequence:	YPL217C	from:	1	to:	3552
		1948	2127	24	30	gacaataatgaagatgaggaaaaaagac
#	Sequence:	Q0060	from:	1	to:	1212
		821	995	22	35	atattaataatagctattttattattattat
#	Sequence:	YEL012W	from:	1	to:	657
		466	630	20	33	agtgccggtgatagatgacgatgatgatg
#	Sequence:	YIL011W	from:	1	to:	810
		379	675	118	33	gcctcttctctctgtaactcttctcagct
#	Sequence:	YLR338W	from:	1	to:	858
		220	384	54	33	ttaggaataggggtgccgagaagatggtaca
#	Sequence:	YOR010C	from:	1	to:	756
		376	606	98	33	gcttcttctgctgttcttctcactgaa
#	Sequence:	YOR247W	from:	1	to:	633
		454	552	22	33	gatccgattacacagctgactgctaccgggt
#	Sequence:	YOR248W	from:	1	to:	303
		117	215	22	33	gatccgattacacagctgactgctaccgggt
#	Sequence:	YPL163C	from:	1	to:	783
		645	743	20	33	taccaatacgttactattactgcccgtgctgt
#	Sequence:	YDL160C	from:	1	to:	1521
		1347	1478	23	33	tcagcaacaggtgtatctccaccgagcaaca
#	Sequence:	YER006W	from:	1	to:	1563
		180	311	21	33	cttagaggcaatggaagctgacaagatacaaga
#	Sequence:	YFL010W-A	from:	1	to:	285
		142	201	28	30	catcatcaaatccgctcggaccaccag
#	Sequence:	YJL078C	from:	1	to:	2646
		737	934	35	33	cctcaaccactactgcccttctcagtgcta
#	Sequence:	YNR067C	from:	1	to:	3354
		978	1142	20	33	ttcaacagcaaacacttcttcttcttcttc
#	Sequence:	YOL006C	from:	1	to:	2310
		261	425	34	33	tgaaaaaagaaaaagaagaagatgaaaa
#	Sequence:	YLR106C	from:	1	to:	14733
		12268	13257	101	33	gatgaagaagatgaagatgaagatgaagatgat
#	Sequence:	YER011W	from:	1	to:	765
		336	623	192	36	taagtcttctgctgcccccaagcttctgaagc
#	Sequence:	YFL067W	from:	1	to:	528
		63	458	232	36	tactggcagtggttagtagcattagctggcgttg
#	Sequence:	YBL051C	from:	1	to:	2007
		12	263	20	36	tgctttgacaatgataataatgccgaaactaaga
#	Sequence:	YBL113C	from:	1	to:	2379
		245	1180	656	36	ctaagtactaccactgcaagtaaccaactccagca
#	Sequence:	YDR034C	from:	1	to:	2373
		302	373	22	36	atcaaaatgcagatcaccactatttccagggcag
#	Sequence:	YDR545W	from:	1	to:	5391
		3761	4192	282	36	ctagtgtactaccactgcaagtaaccaactccagca
#	Sequence:	YEL077C	from:	1	to:	3834
		2038	2649	396	36	actgcaagtaaccaactccagcaactgactacc
#	Sequence:	YER190W	from:	1	to:	5046
		3419	3850	284	36	ctagtgtactaccactgcaagtaaccaactccagca
#	Sequence:	YGR296W	from:	1	to:	5580
		3953	4384	284	36	ctagtgtactaccactgcaagtaaccaactccagca
#	Sequence:	YHL050C	from:	1	to:	2094
		648	899	152	36	tgctactaccactgcaagcaccacccagcactaa
#	Sequence:	YHR219W	from:	1	to:	1875
		245	676	284	36	ctaagtactaccactgaaagtaaccaactccagca
#	Sequence:	YIL177C	from:	1	to:	5277
		3376	4095	484	36	actgaaagtaccaactccagcaactgactacc
#	Sequence:	YJL225C	from:	1	to:	5277
		3376	4095	484	36	actgaaagtaccaactccagcaactgactacc
#	Sequence:	YJR092W	from:	1	to:	4347
		1645	1752	20	36	gatgaaagtaagtagataaaattgaagaaaaggaa
#	Sequence:	YLL066C	from:	1	to:	3618
		1988	2419	284	36	ctagtgtactaccactgcaagtaaccaactccagca
#	Sequence:	YLL067C	from:	1	to:	3618
		1988	2527	376	36	ctagtgtactaccactgaaagtaaccaactccagca
#	Sequence:	YLR390W-A	from:	1	to:	717
		276	572	96	33	ttccagcagcgttcttcttccaagtcttc
#	Sequence:	YLR466W	from:	1	to:	4149
		2519	2950	282	36	ctagtgtactaccactgcaagtaaccaactccagca
#	Sequence:	YLR467W	from:	1	to:	5391
		3761	4192	282	36	ctagtgtactaccactgcaagtaaccaactccagca
#	Sequence:	YML133C	from:	1	to:	4125
		2495	2926	284	36	ctagtgtactaccactgcaagtaaccaactccagca
#	Sequence:	YNL339C	from:	1	to:	5580
		3953	4384	284	36	ctagtgtactaccactgcaagtaaccaactccagca
#	Sequence:	YOR396W	from:	1	to:	3675
		2045	2476	282	36	ctagtgtactaccactgcaagtaaccaactccagca
#	Sequence:	YPL283C	from:	1	to:	5580
		3953	4384	284	36	ctagtgtactaccactgcaagtaaccaactccagca
#	Sequence:	YPR204W	from:	1	to:	3099
		1364	1903	378	36	ctagtgtactaccactgaaagtaaccaactccagca
#	Sequence:	YDL223C	from:	1	to:	3141
		791	907	26	39	cctcagctacgaggtcattcagtagtaaatctaact

#	Sequence:	YER190C-A	from:	1	to:	576
		31	498	276	36	13 83.3
#	Sequence:	YGR296C-A	from:	1	to:	576
		31	498	276	36	13 83.3
#	Sequence:	YML133W-A	from:	1	to:	576
		31	498	276	36	13 83.3
#	Sequence:	YNL283C	from:	1	to:	1512
		359	787	86	39	11 64.6
#	Sequence:	YNL339W-A	from:	1	to:	576
		31	498	276	36	13 83.3
#	Sequence:	YOR007C	from:	1	to:	1041
		790	906	20	39	3 75.2
#	Sequence:	YPL283W-A	from:	1	to:	576
		31	498	276	36	13 83.3
#	Sequence:	Q0010	from:	1	to:	387
		11	190	26	6	30 58.9
		234	303	23	5	14 70.0
#	Sequence:	Q0144	from:	1	to:	330
		241	290	45	5	10 100.0
		14	133	36	12	10 70.0
#	Sequence:	YAL025C	from:	1	to:	921
		582	698	26	3	39 62.4
		737	790	26	6	9 79.6
#	Sequence:	YCL041C	from:	1	to:	495
		276	307	24	4	8 93.8
		29	88	22	6	10 73.3
#	Sequence:	YFR032C	from:	1	to:	870
		715	762	22	6	8 79.2
		15	56	20	6	7 81.0
#	Sequence:	YGR160W	from:	1	to:	612
		369	500	60	6	22 75.0
		240	293	27	3	18 77.8
#	Sequence:	YKR047W	from:	1	to:	306
		37	92	36	4	14 85.7
		177	278	33	3	34 67.6
#	Sequence:	YLR110C	from:	1	to:	402
		11	82	29	9	8 76.4
		246	389	23	3	48 59.0
#	Sequence:	YLR311C	from:	1	to:	348
		114	145	24	4	8 93.8
		181	292	20	8	14 62.5
#	Sequence:	YOR082C	from:	1	to:	342
		189	228	27	5	8 90.0
		31	66	22	6	6 88.9
#	Sequence:	YAL019W	from:	1	to:	3396
		1438	1599	55	3	54 67.9
		1216	1281	22	6	11 71.2
#	Sequence:	YAL021C	from:	1	to:	2514
		265	309	38	3	15 95.6
		42	74	24	3	11 90.9
#	Sequence:	YBL081W	from:	1	to:	1107
		457	555	60	3	33 81.8
		143	220	21	3	26 65.4
#	Sequence:	YBR079C	from:	1	to:	2895
		1525	1626	29	3	34 65.7
		2779	2823	22	9	5 84.4
#	Sequence:	YBR081C	from:	1	to:	3999
		1912	2139	36	6	38 59.2
		349	450	30	6	17 67.6
#	Sequence:	YBR086C	from:	1	to:	2841
		2014	2061	21	3	16 75.0
		2640	2678	20	3	13 79.5
#	Sequence:	YBR289W	from:	1	to:	2718
		486	827	128	6	57 69.6
		180	206	24	3	9 100.0
#	Sequence:	YDL058W	from:	1	to:	5373
		5314	5358	26	3	15 82.2
		4748	4901	25	7	22 60.4
#	Sequence:	YDL106C	from:	1	to:	1680
		67	183	48	3	39 71.8
		874	999	37	3	42 65.9
#	Sequence:	YDL153C	from:	1	to:	1833
		165	263	38	3	33 70.7
		1008	1097	35	3	30 71.1
#	Sequence:	YDR145W	from:	1	to:	1620
		730	846	56	9	13 77.8
		345	371	22	3	9 96.3
#	Sequence:	YDR170C	from:	1	to:	6030
		263	346	54	6	14 85.7
		504	545	34	6	7 97.6
#	Sequence:	YDR186C	from:	1	to:	2634
		1404	1499	47	3	32 76.0
		2386	2475	25	3	30 65.6
#	Sequence:	YDR346C	from:	1	to:	1446
		1115	1186	29	3	24 72.2
		636	707	25	3	24 69.4
#	Sequence:	YDR452W	from:	1	to:	2025
		1368	1412	20	5	9 77.8
		1676	1711	20	6	6 86.1
#	Sequence:	YEL007W	from:	1	to:	2001
		965	1129	100	3	55 81.2
		729	869	20	3	47 58.2
#	Sequence:	YER111C	from:	1	to:	3282
		898	993	34	6	16 70.8
		2458	2505	20	6	8 77.1
#	Sequence:	YER164W	from:	1	to:	4407
		168	266	38	9	11 73.7
		288	347	28	6	10 78.3
#	Sequence:	YFL024C	from:	1	to:	2499
		2306	2392	38	3	29 73.6
		1337	1384	24	6	8 81.2
#	Sequence:	YFR040W	from:	1	to:	3009
		2858	3004	66	3	49 73.5
		1880	1960	20	9	9 67.9
#	Sequence:	YGL150C	from:	1	to:	4470
		639	863	64	3	75 64.9
		416	490	26	3	25 69.3
#	Sequence:	YGL172W	from:	1	to:	1419
		384	431	21	3	16 75.0
		646	681	20	6	6 86.1
#	Sequence:	YGR023W	from:	1	to:	1656
		286	915	141	3	210 61.4
		1400	1423	21	3	8 100.0
#	Sequence:	YGR103W	from:	1	to:	1818
		1417	1653	44	3	79 59.9
		919	1026	34	6	18 68.5
#	Sequence:	YGR162W	from:	1	to:	2859
		517	558	22	6	7 83.3
		1122	1151	20	6	5 93.3
#	Sequence:	YGR233C	from:	1	to:	3537
		647	745	48	3	33 75.8
		2327	2371	24	3	15 80.0
#	Sequence:	YHL020C	from:	1	to:	1215
		854	931	46	6	13 83.3
		264	311	21	3	16 75.0
#	Sequence:	YHL024W	from:	1	to:	2142
		840	899	29	3	20 76.7
		1747	1785	24	3	13 84.6
#	Sequence:	YHR135C	from:	1	to:	1617
		1307	1432	46	6	21 70.6
		1170	1229	24	6	10 75.0
#	Sequence:	YHR186C	from:	1	to:	4674
		2464	2583	27	3	40 62.5
		1536	1574	24	3	13 84.6
#	Sequence:	YIL119C	from:	1	to:	1224
		669	809	74	3	47 77.3

#	Sequence:	162	215	30	6	9 83.3	ttcaa
		YJL129C	from:		1 to:		3708
		3130	3183	24	6	9 77.8	aaaaag
		1534	1614	24	9	9 70.4	gatgacgat
#	Sequence:	YJL187C	from:		1 to:		2460
		2147	2209	24	3	21 71.4	ata
		262	303	21	3	14 78.6	gaa
#	Sequence:	YLL008W	from:		1 to:		2259
		386	637	61	3	84 62.7	aag
		112	156	20	3	15 75.6	aag
#	Sequence:	YLL013C	from:		1 to:		2640
		1192	1254	42	3	21 85.7	caa
		1	36	22	6	6 88.9	atggat
#	Sequence:	YLR278C	from:		1 to:		4026
		2752	2889	74	6	23 79.0	aataat
		2595	2675	30	3	27 70.4	ttc
#	Sequence:	YLR371W	from:		1 to:		4071
		752	796	32	3	15 88.9	ata
		980	1006	22	3	9 96.3	atc
#	Sequence:	YLR403W	from:		1 to:		2052
		1591	1674	42	6	14 78.6	gacgat
		1225	1314	23	3	30 64.4	aat
#	Sequence:	YLR430W	from:		1 to:		6696
		5770	5844	34	3	25 74.7	aag
		20	67	27	3	16 81.2	ata
#	Sequence:	YML065W	from:		1 to:		2745
		838	894	32	3	19 80.7	gaa
		2205	2306	25	3	34 63.7	tga
#	Sequence:	YML074C	from:		1 to:		1236
		522	818	74	3	99 63.0	aga
		217	357	26	3	47 60.3	gaa
#	Sequence:	YMR037C	from:		1 to:		2115
		682	753	28	6	12 73.6	aattca
		958	1029	20	6	12 68.1	accaat
#	Sequence:	YMR044W	from:		1 to:		1428
		537	590	21	3	18 72.2	aga
		726	764	20	3	13 79.5	aga
#	Sequence:	YMR131C	from:		1 to:		1536
		544	594	28	3	17 80.4	gat
		138	206	22	3	23 68.1	tga
#	Sequence:	YMR164C	from:		1 to:		2277
		835	987	86	9	17 81.0	caacaacag
		1813	1920	85	3	36 90.7	aat
#	Sequence:	YMR227C	from:		1 to:		1773
		1549	1638	49	9	10 82.2	gaggacgaa
		1057	1311	48	3	85 60.0	gaa
#	Sequence:	YNL027W	from:		1 to:		2037
		342	419	48	6	13 84.6	acagca
		1393	1461	22	3	23 68.1	aat
#	Sequence:	YNL161W	from:		1 to:		2271
		573	749	76	3	59 72.3	aca
		67	102	25	3	12 88.9	caa
#	Sequence:	YNL206C	from:		1 to:		1368
		1134	1187	33	3	18 83.3	aga
		1314	1346	20	3	11 84.8	tga
#	Sequence:	YNL216W	from:		1 to:		2484
		1829	1882	25	3	18 75.9	ctg
		248	346	22	9	11 65.7	ctactgctg
#	Sequence:	YNL308C	from:		1 to:		1776
		1183	1395	42	3	71 60.6	gaa
		157	210	27	3	18 77.8	gaa
#	Sequence:	YNR052C	from:		1 to:		1302
		334	381	26	6	8 83.3	cagcaa
		241	276	21	3	12 83.3	caa
#	Sequence:	YOL078W	from:		1 to:		3531
		703	768	24	6	11 72.7	gacgat
		842	904	20	3	21 68.3	aca
#	Sequence:	YOR073W	from:		1 to:		1773
		1602	1667	27	3	22 72.7	taa
		1395	1442	21	3	16 75.0	caa
#	Sequence:	YOR113W	from:		1 to:		2745
		1049	1162	46	6	19 72.8	ataaca
		405	476	31	3	24 73.6	gca
#	Sequence:	YOR260W	from:		1 to:		1737
		951	992	23	3	14 81.0	tga
		1573	1719	22	3	49 58.5	gat
#	Sequence:	YOR290C	from:		1 to:		5112
		655	708	29	9	6 85.2	caacaggca
		4516	4563	26	6	8 83.3	ggctcgt
#	Sequence:	YPL089C	from:		1 to:		2031
		1666	1794	74	3	43 79.8	aac
		365	406	23	3	14 81.0	atg
#	Sequence:	YPL190C	from:		1 to:		2409
		132	554	128	3	141 65.5	aga
		2275	2352	37	3	26 75.6	caa
#	Sequence:	YPL230W	from:		1 to:		1176
		329	397	36	3	23 78.3	ctt
		553	591	24	3	13 84.6	caa
#	Sequence:	YPL231W	from:		1 to:		5664
		321	434	40	6	19 70.2	agctgc
		913	963	22	3	17 74.5	gct
#	Sequence:	YPL263C	from:		1 to:		1956
		1567	1656	31	9	10 72.2	gaagatgag
		7	111	26	3	35 63.8	aag
#	Sequence:	YPR185W	from:		1 to:		2217
		876	1013	37	3	46 64.5	aca
		2078	2128	20	3	17 72.5	ata
#	Sequence:	YCR088W	from:		1 to:		1779
		1462	1521	30	12	5 85.0	gaagaagcagct
		1279	1341	22	3	21 69.8	gat
#	Sequence:	YGL025C	from:		1 to:		1194
		1039	1086	31	3	16 85.4	cag
		668	715	24	12	4 87.5	aggctcaagcgc
#	Sequence:	YGR072W	from:		1 to:		1164
		37	204	20	6	28 57.7	aagaat
		803	958	20	12	13 60.3	aaaagaacaaaa
#	Sequence:	YIR010W	from:		1 to:		1731
		360	431	40	12	6 86.1	aaatgcgactgc
		1184	1222	24	3	13 84.6	acg
#	Sequence:	YFR024C-A	from:		1 to:		1356
		990	1025	23	3	12 86.1	tga
		660	695	21	3	12 83.3	cga
#	Sequence:	YBR016W	from:		1 to:		387
		178	297	57	15	8 80.0	caaggctacaatcag
		115	159	20	3	15 75.6	cag
#	Sequence:	YDR507C	from:		1 to:		3429
		2866	2955	31	3	30 68.9	gaa
		1691	1810	27	15	8 67.5	aagaacgagaagaa
#	Sequence:	YOL004W	from:		1 to:		4611
		1436	1531	26	6	16 66.7	cacagg
		583	642	23	15	4 81.7	aacgatgaagatgct
#	Sequence:	YML113W	from:		1 to:		747
		331	381	28	3	17 80.4	caa
		20	91	20	18	4 76.4	aaggaagaaagcctggaa
#	Sequence:	YLR332W	from:		1 to:		1131
		325	516	45	3	64 62.5	tca
		123	230	22	18	6 68.5	tactgtttcttcatcaag
#	Sequence:	YLR449W	from:		1 to:		1179
		522	647	38	18	7 72.2	agatgacgatgaagaaga
		226	363	21	3	46 58.7	gaa
#	Sequence:	YML010W	from:		1 to:		3192
		407	652	53	3	82 61.4	atg
		2896	2967	24	18	4 79.2	ggtggtgatcaactgg
#	Sequence:	YPL085W	from:		1 to:		6588
		2694	2873	36	18	10 65.0	tcaacctctgcaaacat
		16	63	22	6	8 79.2	aagaaa

#	Sequence:	YPR018W	from:	1	to:	1821	
		406	621	32	18	12 61.6	aaaaagcaaaagaagaa
		1177	1251	26	3	25 69.3	gaa
#	Sequence:	YPR022C	from:	1	to:	3402	
		859	948	46	6	15 78.9	cagcaa
		472	615	40	18	8 70.1	cttcaacagccacagcaa
#	Sequence:	Q0070	from:	1	to:	1893	
		988	1122	44	15	9 71.9	aataataataaat
		1706	1865	28	16	10 63.8	taaatattataaat
#	Sequence:	YPR087W	from:	1	to:	321	
		246	317	44	18	4 93.1	tttggcataccaggcatg
		128	163	20	12	3 94.4	cattctccgcc
#	Sequence:	YAL011W	from:	1	to:	1878	
		556	786	38	21	11 62.8	aaggagcagaagaaaaaaa
		99	170	29	3	24 72.2	tga
#	Sequence:	YBR049C	from:	1	to:	2433	
		535	654	24	12	10 65.0	aataatacaat
		148	237	24	18	5 73.3	aaatgatgaaaataat
#	Sequence:	YDL088C	from:	1	to:	1587	
		82	141	24	6	10 75.0	caaccg
		198	281	21	21	4 75.0	caatagatcaaccaataa
#	Sequence:	YGL028C	from:	1	to:	1629	
		656	775	86	12	10 90.8	ctacttctct
		303	392	26	18	5 74.4	gcaagcaacctctctt
#	Sequence:	YLR286C	from:	1	to:	1689	
		1402	1446	26	15	3 95.6	agtacaagctcaggt
		973	1017	24	15	3 93.3	tcatctgttcaact
#	Sequence:	YLR330W	from:	1	to:	2016	
		1399	1629	144	21	11 85.7	tcfaatgaacctgtggaggat
		1972	2013	25	3	14 83.3	aag
#	Sequence:	YPL032C	from:	1	to:	2478	
		1238	1315	28	6	13 71.8	aagctc
		1529	1612	21	21	4 75.0	aaagagaattacagctacaaa
#	Sequence:	Q0032	from:	1	to:	291	
		38	102	38	5	13 83.1	catat
		109	276	26	28	6 66.1	tatttttttattattattataattat
#	Sequence:	YIL112W	from:	1	to:	3252	
		1991	2029	26	3	13 87.2	atg
		2394	2609	26	24	9 61.6	agaaaaaaaaagaaagaagaaga
#	Sequence:	YMR016C	from:	1	to:	2358	
		614	652	22	3	13 82.1	aac
		194	265	22	24	3 81.9	aacagcagccgcaatcccagcttc
#	Sequence:	YDL005C	from:	1	to:	1296	
		838	1095	121	3	86 74.0	aac
		317	424	21	27	4 72.2	aaagtaaaaaagagagaagaacaagaag
#	Sequence:	YDL038C	from:	1	to:	1752	
		316	1161	150	18	47 59.9	actcaactgatccaact
		28	315	78	18	16 66.7	ccaactactcaactgac
#	Sequence:	YDR432W	from:	1	to:	1245	
		925	1197	52	21	13 63.4	ggttatgggtccaagaggt
		120	164	22	15	3 91.1	tccacaggaatctgc
#	Sequence:	YLR260W	from:	1	to:	2064	
		171	224	27	27	2 100.0	caacatcagtagaactagcttcaag
		1508	1567	26	6	10 76.7	atgaag
#	Sequence:	YNR044W	from:	1	to:	2178	
		488	949	271	21	22 81.6	catctcaagttcgacatcta
		1842	1916	28	15	5 78.7	ttctacaacatctat
#	Sequence:	YOR123C	from:	1	to:	1395	
		1145	1333	38	9	21 62.4	atgaagaag
		102	236	34	27	5 72.6	tgaagatgatgttaaagaagagga
#	Sequence:	YOR239W	from:	1	to:	1887	
		459	566	27	27	4 75.0	tgaagaagcagctgaaaatgatcaatc
		643	684	23	3	14 81.0	aag
#	Sequence:	Q0140	from:	1	to:	1197	
		235	1176	271	3	314 64.5	aat
		10	174	34	33	5 70.3	aaattaataataaaataataataataaat
#	Sequence:	YCR067C	from:	1	to:	3198	
		2435	2584	76	30	5 85.3	ttttggctgacaattcggaaccactagtg
		1397	1429	30	3	11 100.0	ctt
#	Sequence:	YDR005C	from:	1	to:	1188	
		549	638	22	30	3 78.9	ttacaaaagtgtaaatcatcgacaatga
		314	367	21	3	18 72.2	ata
#	Sequence:	YFL023W	from:	1	to:	2391	
		1371	1610	114	30	8 80.0	gcctgttgagcgatagtggaaaaaga
		1740	1775	21	3	12 83.3	tga
#	Sequence:	YOR083W	from:	1	to:	888	
		40	75	22	6	6 88.9	gaacaa
		305	403	20	33	3 76.8	gtgaaaatgaaaagaacgacgacgacagaaa
#	Sequence:	YBR108W	from:	1	to:	2844	
		427	525	32	33	3 82.8	caacagcagctgcaacaaggtgtagtccacag
		936	971	26	6	6 94.4	gcaaca
#	Sequence:	YCL028W	from:	1	to:	1218	
		457	516	48	6	10 95.0	caaggt
		840	938	36	33	3 84.8	tcaacaaggccaaaacaaccagcagcaatacca
#	Sequence:	YDL099W	from:	1	to:	1026	
		345	641	26	33	9 59.9	aatgaagaagaagaagaagtacaataaaaa
		76	117	20	6	7 81.0	aagaaa
#	Sequence:	YFL008W	from:	1	to:	3678	
		2601	2789	22	21	9 61.4	agaagccataaaaaataaatt
		2274	2357	21	21	4 75.0	gaagaagatgatttagaaaa
#	Sequence:	YFR013W	from:	1	to:	2364	
		2252	2338	28	3	29 67.8	atg
		285	416	23	33	4 71.2	accgaaacctaaatcaaatgataaagaagtgga
#	Sequence:	YKL088W	from:	1	to:	1716	
		1512	1706	52	15	13 67.2	ggaagatgaggatga
		448	582	38	27	5 74.1	cagcaagaacaaaagcagcaactcaa
#	Sequence:	YLR337C	from:	1	to:	2454	
		379	543	54	33	5 76.4	gtaccatcatctccagcacctctattctatt
		911	1339	36	3	143 54.5	cac
#	Sequence:	YPL207W	from:	1	to:	2433	
		258	356	38	33	3 85.9	taaaggtggaagaaggaggatgtgtctctc
		1110	1202	20	3	31 62.4	tga
#	Sequence:	YOR267C	from:	1	to:	2280	
		1881	1970	69	3	30 90.0	aca
		1682	1861	54	36	5 75.0	ccaacgacaaaacgattgcaacgtaacggtgact
#	Sequence:	YOR383C	from:	1	to:	615	
		167	304	47	3	46 68.1	ctg
		422	577	21	39	4 69.2	ccactggtacttctgctaccactgctggtactgtt
#	Sequence:	YKL195W	from:	1	to:	1212	
		286	384	28	33	3 80.8	gaaaatgaagatgacaaccacgcaaaagcagat
		619	723	20	15	7 66.7	gaaaaatctgatgaa
#	Sequence:	YLR309C	from:	1	to:	2736	
		443	610	25	21	8 63.7	ataaaaaaaaaagaatagaag
		975	1094	22	30	4 71.7	ttataaagattggaagaatcacagcaaga
#	Sequence:	Q0065	from:	1	to:	1635	
		748	963	28	24	9 62.0	aaattaataataaaatatttaa
		1511	1618	20	36	3 75.9	taaaacaattaaagcatgtaaaaaatttataatt
#	Sequence:	Q0115	from:	1	to:	1554	
		592	1137	45	21	26 56.0	aataataattattataaata
		1242	1436	30	39	5 67.7	tattagattataaatctaaaaataaataaaaaat
#	Sequence:	YOR009W	from:	1	to:	1464	
		418	813	300	36	11 92.4	gttgctccatcctcaagtgaagttgcagctctcc
		952	1056	22	21	5 70.5	ccttctaactccaccattgct
#	Sequence:	YMR043W	from:	1	to:	861	
		535	735	84	3	67 71.6	caa
		291	359	42	3	23 82.6	tga
		370	408	24	3	13 84.6	caa
#	Sequence:	YAL035W	from:	1	to:	3009	
		1051	1113	44	3	21 87.3	gaa
		207	392	41	3	62 61.8	gaa
		542	700	28	3	53 59.7	aag
#	Sequence:	YBR112C	from:	1	to:	2901	
		1469	1750	182	6	47 83.3	cacaag
		43	90	31	3	16 85.4	caa
		1889	2005	20	9	13 62.4	atccgcaac
#	Sequence:	YBR212W	from:	1	to:	2019	

		1450	1485	29	3	12 94.4	cag
		1755	1850	28	6	16 67.7	catgaa
		842	886	24	3	15 80.0	aac
#	Sequence:	YCR084C	from:	1 to:	1	2142	
		289	354	35	3	22 78.8	cag
		541	597	32	3	19 80.7	caa
#	Sequence:	YER033C	from:	1 to:	1	3231	
		1194	1256	22	3	21 69.8	cac
		1279	1347	48	3	23 87.0	gat
		2362	2391	21	3	10 90.0	gat
#	Sequence:	YFL021W	from:	1 to:	1	1533	
		1606	1671	21	3	22 68.2	gat
		637	693	32	3	19 80.7	aat
		705	758	28	6	9 81.5	cacaaa
#	Sequence:	YFR019W	from:	1 to:	1	6837	
		60	87	20	4	7 92.9	atat
		1717	1773	48	3	19 94.7	aat
		1391	1492	39	3	34 70.6	aca
#	Sequence:	YGR159C	from:	1 to:	1	1245	
		2260	2301	22	6	7 83.3	agcaat
		84	215	60	6	22 75.0	atcttc
		1050	1151	45	3	34 73.5	tg
#	Sequence:	YHR131C	from:	1 to:	1	2553	
		295	345	26	3	17 78.4	gaa
		2384	2536	90	3	51 80.4	atg
		1880	1996	30	3	39 64.1	atg
#	Sequence:	YIR023W	from:	1 to:	1	2913	
		964	1005	27	3	14 85.7	aga
		207	281	40	3	25 78.7	aca
		676	711	23	3	12 86.1	cag
#	Sequence:	YKL112W	from:	1 to:	1	2196	
		82	156	22	3	25 66.7	aat
		1458	1520	26	9	7 77.8	caataatga
		280	399	25	3	40 61.7	aat
#	Sequence:	YLR206W	from:	1 to:	1	1842	
		796	882	24	3	29 65.5	aat
		1617	1799	68	3	61 69.4	aca
		1073	1270	49	3	66 63.1	aac
#	Sequence:	YLR228C	from:	1 to:	1	2445	
		741	767	20	3	9 92.6	aca
		327	407	34	3	27 72.8	aca
		1977	2033	26	3	19 75.4	taa
#	Sequence:	YMR070W	from:	1 to:	1	1473	
		756	812	20	3	19 70.2	aca
		13	108	51	3	32 78.1	cag
		355	474	37	3	40 66.7	aat
#	Sequence:	YNL016W	from:	1 to:	1	1362	
		1215	1298	25	3	28 66.7	caa
		805	876	30	6	12 75.0	aacatg
		1324	1362	24	3	13 84.6	caa
#	Sequence:	YNL124W	from:	1 to:	1	1479	
		16	48	22	3	11 87.9	caa
		1419	1463	26	3	15 82.2	gca
		172	219	26	6	8 83.3	tctgat
#	Sequence:	YOL051W	from:	1 to:	1	3246	
		231	311	20	3	27 64.2	tga
		1264	1449	116	6	31 82.8	caagca
		1975	2091	52	3	39 73.5	caa
#	Sequence:	YPL016W	from:	1 to:	1	3945	
		424	504	30	3	27 70.4	caa
		19	312	101	3	98 67.7	aat
		1008	1151	48	12	12 70.8	gcagcaacaaca
#	Sequence:	YBL007C	from:	1 to:	1	3735	
		839	910	25	3	24 69.4	ata
		422	478	28	3	19 77.2	ctg
		2513	2557	24	15	3 93.3	ctgctccggttcat
#	Sequence:	YGR130C	from:	1 to:	1	2451	
		1308	1349	20	6	7 81.0	atctag
		506	553	36	6	8 93.8	catcgt
		571	678	28	12	9 68.5	actactactacc
#	Sequence:	YKL032C	from:	1 to:	1	1794	
		927	1010	24	12	7 71.4	ggaagaggaaac
		867	1010	74	18	8 81.9	gcagctgcaacaacagca
		172	354	50	3	61 64.5	caa
#	Sequence:	YJL020C	from:	1 to:	1	3474	
		1693	1743	28	3	17 80.4	caa
		2083	2298	127	9	24 81.5	cctccagca
		341	403	42	21	3 100.0	cagtgccagttccagccgcta
#	Sequence:	YMR124W	from:	1 to:	1	2832	
		1039	1236	27	3	66 57.6	gaa
		1487	1633	30	21	7 67.3	aaaaagaattagatgaaaaag
		1116	1148	22	3	11 87.9	aca
#	Sequence:	YLR223C	from:	1 to:	1	3258	
		171	197	22	3	9 96.3	gca
		364	489	39	21	6 73.8	gaagatagtgatgatgacgaa
		631	714	38	6	14 76.2	aaagaa
#	Sequence:	YNL091W	from:	1 to:	1	3723	
		2569	2688	20	10	12 62.5	aaaaaaagaa
		1893	2324	70	24	18 60.9	agaagaagaaaaaaaaaaaaaa
		1666	1764	26	3	33 64.6	gat
#	Sequence:	YIR006C	from:	1 to:	1	4443	
		1376	1489	24	6	19 63.2	atgaag
		3249	3374	98	18	7 96.0	tcaaccaactcaactgt
		1411	1473	42	21	3 100.0	cagacaactggtatgatgcca
#	Sequence:	YDR534C	from:	1 to:	1	1587	
		37	144	23	9	12 64.8	cagcagcaa
		859	1074	150	18	12 88.9	acttctctgctgttgag
		157	246	34	18	5 78.9	gaaactctgctgctgct
#	Sequence:	Q0120	from:	1 to:	1	1917	
		1156	1290	22	15	9 63.7	gctacttctcttct
		1631	1900	29	27	10 60.4	ataaagatttattataataataat
		823	1038	28	18	12 60.6	ataataataattataat
#	Sequence:	YJR151C	from:	1 to:	1	3486	
		1106	1210	24	21	5 71.4	taaaaaataattatatttt
		373	1065	374	9	77 77.6	acttctaca
		1080	1619	304	36	15 81.5	tgttgacactagtcttagtcaagtcacctcttc
#	Sequence:	Q0110	from:	1 to:	1	1272	
		1646	1861	50	18	12 65.7	ctccagtgaaattactt
		447	662	53	9	24 64.4	aatataat
		1064	1243	26	36	5 67.2	taactaatttgatgtaataatattcttaatt
#	Sequence:	YMR317W	from:	1 to:	1	3423	
		836	979	20	24	6 65.3	ttaatttagaatttctgaaaaat
		776	1351	412	36	16 88.9	cagtgagttcagaagctccatcgtaacatctagct
		23	139	34	3	39 65.8	cta
#	Sequence:	YIL169C	from:	1 to:	1	2988	
		2101	2244	20	36	4 69.4	actttggctacacctgcccattacaactagttcc
		236	844	154	21	29 64.4	gctctgctctgatgctcat
		1849	1965	66	39	3 94.9	acttctcggtgcttccgttaccggttcaactgcttc
#	Sequence:	YKL054C	from:	1 to:	1	2217	
		2448	2663	23	27	8 61.6	cactgctgtgctactaagactgacac
		1144	1500	152	3	119 71.7	caa
		1977	2120	36	12	12 66.7	tcaacagcaaca
		1697	1756	25	3	20 73.3	ctg
#	Sequence:	YNL054W	from:	1 to:	1	3498	
		552	665	24	6	19 63.2	agaaca
		1405	1452	28	6	8 85.4	cagcaa
		3251	3307	24	3	19 73.7	atg
		1092	1226	22	15	9 63.7	taacaataacaataa
#	Sequence:	YMR273C	from:	1 to:	1	2748	
		910	981	21	3	24 66.7	aat
		2252	2395	60	18	8 77.1	aagcttcagccccagttc
		2714	2743	25	3	10 96.7	aac
		1787	1828	23	3	14 81.0	cat
#	Sequence:	YOL155C	from:	1 to:	1	2904	
		1543	1587	20	9	5 82.2	gaagaaaac
		451	684	157	39	6 91.9	tcatcttctgccacagaatcaggctcatcagcctccggt

#	Sequence:	1922 808	2038 1017	40 23	39 15	3 83.8 14 59.0	ccgcttccacttattcgggtctccgtaactgggtcaa tctgcttctcaact
		YHR211W	from:		1 to:		3228
		921 1994 2470 2193	1784 2083 2574 2255	95 49 44 20	27 15 21 9	32 57.1 6 85.6 5 81.0 7 73.0	tactgccagtgtcattactactaccac cttcagtcatttctt aagcaaacacagagacaaca ttcttctc
#	Sequence:	2547 3070 3832 959	2870 3258 3903 1018	59 30 29 21	27 27 3 3	12 63.3 7 65.1 24 72.2 20 70.0	aatgacagggaaggtgaatctccaga attgtctccagaatcggtaaaaaag gaa aga
		YLL021W	from:		1 to:		4401
#	Sequence:	54 1080 466 819	260 1250 675 1021	62 42 32 24	3 3 30 29	69 65.7 57 63.2 7 64.8 7 63.1	taa taa tattataattataactaattataataat taattaaaaattataataataataat
		Q0255	from:		1 to:		1419
#	Sequence:	921 2702 3190 3589	2378 2806 3294 3669	195 64 46 28	27 15 21 27	54 57.6 7 87.6 5 81.9 3 84.0	tacaacctgacatcacaactaccac cagtcatttcttctc accacagagacaacaagcaa aatactggagctgtgagacaacaacc
		YAR050W	from:		1 to:		4614
#	Sequence:	921 3352 4203 3832	3242 3441 4310 3894	235 51 47 32	27 15 27 21	86 55.6 6 86.7 4 84.3 3 92.1	tacagccactgatcacaactaccac gtcatttcttctca taccatactgtagctgtgagacgac acagagacaacaagcaaac
		YKR092C	from:		1 to:		1221
#	Sequence:	568 73 160 268	840 138 213 366	52 42 37 24	39 6 3 33	7 66.7 11 86.4 18 87.0 3 78.8	tccttgaatcggattccgactcagactctagcttagc tcttcc agc agttccgatgaatcttcttgaatccgactct
		YIR019C	from:		1 to:		4104
#	Sequence:	988 626 2832 3393	2679 775 3095 3608	242 100 55 24	18 30 33 12	94 57.7 5 93.3 8 66.7 18 58.3	accactgcaaccattct agtcattaccactacatctagcacttccg ctctgatgaacaaccactaccatacaactac tgcaaccactgc
		YGL066W	from:		1 to:		1974
#	Sequence:	389 1343 875 1555 1617	499 1432 952 1584 1661	48 25 24 23 22	3 3 6 3 15	37 73.0 30 65.6 13 69.2 10 93.3 3 91.1	atg aac aaca cag acaactacaaca
		Q0075	from:		1 to:		1065
#	Sequence:	132 824 443 678	236 1057 604 767	30 30 27 20	21 26 27 30	5 74.3 9 62.0 6 66.7 3 77.8	taatattataataataata taattaaattataataataata ttataaaaaattataataataat tcttttagattttataaaaaagattata
		YMR173W	from:		1 to:		1293
#	Sequence:	223 754 423 603 1098	366 1050 518 722 1232	98 82 66 64 24	24 27 24 24 27	6 92.4 11 68.4 4 96.9 5 86.7 5 68.9	aacaacaatgattcatatggttct aacaacgatgattcttatggttccaac caacaacaatgactctacggttc taacaacaatgattcatatggttc caacaacgattactcctacggttctaa
		YMR173W-A	from:		1 to:		1185
#	Sequence:	15 546 215 395 890	158 842 310 514 1024	98 82 66 64 24	24 27 24 24 27	6 92.4 11 68.4 4 96.9 5 86.7 5 68.9	aacaacaatgattcatatggttct aacaacgatgattcttatggttccaac caacaacaatgactctacggttc taacaacaatgattcatatggttc caacaacgattactcctacggttctaa

Verstrepen et al. Supplementary Table 1B All Yeast ORFs with long (>40 nt) intragenic repeats (ETANDEM results)

Line1	Sequence:	Gene Name	from:	Score	1 to:	Gene Length	Repeats	Conservation (%)	Repeated sequence (consensus)
Line2	Reps Start	Reps STOP	Score	Rep Length	# Reps	Conservation (%)			
Sequenc YIL169C		from:	1 to:		2988				
270	815	404	42	13	90.8				tgtctcaagctctgtcagtcgaatcagcttctcagcttctga
2237	2875	210	213	3	83.1				cttctgagccctgaagccacaaccactactgtttctccaagacatacaccaccgctactgttactc agtgtgatgacaatggatgtagcaccagactgtcacttctgaagctcctgaagaaactcagcaacta ctgatttctactgaatcctacagactgtaacctcaccactgtgaagacaatggttgaactaaga ctgtca
1798	1968	26	57	3	74.3				ggcgtacttcttccactgcatctggtgcttccgcttccgcttccagcttctgcttcc
Sequenc YKR102W		from:	1 to:		3510				
924	1868	572	189	5	90.3				cgagtctaccagttatgtgacaccatattgtagctctgctactgctgcccgaactacactagctcatt ctcatcgtccagtgaagtctgtacagagtgaccgaaaccgagctcactagcactctactccatattgt caccagctcttccgctgctccagtggaagtctgtacagagtgaccgagac
2796	3149	35	177	2	79.9				gtcagaagaaaaaacccctaattacggttacttctgtgagctggtgctgttccgaaactgcttc acctgctatcgtttcgacagccactgctaccgtcaatgatgctgttacagttatttccacatggagccc acaggctacaaataaactagcggtagttctgacatcga
Sequenc YDR534C		from:	1 to:		1587				
211	630	192	210	2	97.9				gaaacatctgttgcgctgaaacatctgttctgacaccttctacctctgctcaggccacctctgctgat gaagggctggttcgagtataaccaccactattacagcccaaaaaatggacatgtctacacaagacc gtcaccagacgctacttctgtagtggactggtgaggggacagctgctcctgtctcaccggtgact gtc
854	1069	116	54	4	89.4				ttgagacttctctgctgttgagacttcttctgctgttgagacttctctgctg
1157	1336	22	60	3	72.8				cttctacttctactgagacttctctactactaaaacccttctggagttggaccattct
Sequenc YNL327W		from:	1 to:		3126				
2506	2847	146	114	3	88.0				ccagatctaccattaagggttccaaaacttcttcttcaaccgaggaagcgtagtggtggttacagt accacagtggtgcccgaatattgcacaacatacaagtttagtc
2079	2420	33	171	2	79.8				tacaggtacaagtagaaacagctactttagtattggtgctcaccacaattgaccgaagctactgcaac ggataaaggtgatgctatagtgtaatttcatctacagctcggctcaagttactgaaatggaagtat gcttcaatttctacgctggaacacacaacagct
1299	1478	22	60	3	72.8				tgacaatatacaactactccttcatagcttagtaactccactataaccagtatcatcagc
Sequenc YMR317W		from:	1 to:		3423				
776	1351	384	72	8	89.6				cagtgagttcagaagctccatcggaactgtagctcagtgagttcggagctccatcgtcaacatcta gct
2945	3070	43	63	2	92.1				caacgaatgcttccatcaacttccccatcagaagtgcaaggtacaggaagcacatctgtag
1504	1926	36	141	3	70.9				aattccaccggtgcaaccgctcctcggctgccaccagtaaaagaatctgctgttccatcaattgct tctagtataaccttctgaaacttcaatctcttactcgtgactacttctagtcgctattgggc aat
5	139	26	45	3	76.3				gtaccactagtagcaagcaccacaaccactacaactacgccta
Sequenc YHR211W		from:	1 to:		3228				
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1994	2128	24	45	3	75.6				cttctgtaacatcctcctcatttatttcttcttctcagtcacttctt
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2672	2806	60	45	3 88.9	accggtaccaacggtttgccactgatgaaaccatcattgtcatcagaacaccaacaacagccact
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Sequenc YLR467W 3754	4185	from: 244	1 to: 72	5391 6 86.6	aac tccagcactaatgctactaccactgcaagcacaactccagcactagtgtactaccactgaaagtacc
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Sequenc YOR123C 1129	from: 1392	24	1 to: 66	1395 4 67.0	aocgcacaagctcacaagccagcattttcctttggttcaaaactaggtgaaaacaaa
195	434	22	60	4 67.1	gaagcctctaggagcgaataaaaaagagaggaagcagtaatcgacgacgacgaggaagaggag
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511	1374	40	54	16 55.4	ataatattaataataaaaaataataaaaaatttttaatttttaaggtttaattatattatg atgaaaaag
Sequenc YOR195W 2127	from: 2456	24	1 to: 66	2466 5 63.6	atataattttataattataaaaaataaaaaattttataataataaaaaataaat
1069	1320	23	63	4 67.1	tttgaacaacagcagctgtgtaagaagaagaaaaataaattactgaaataatagaagaaga
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130	354	40	75	3 75.6	tcaacaacagcagcagcttcaacaacagcaacagttgcaacaacaacatcaagt
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2624	2807	22	46	4 68.5	aagcattattaacttctcaactagaagaattagaacaggaactaaataacaccaagagaaaaataaaa aaaacgaagaagaaa
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2446	2589	24	48	3 75.0	catcggcaccggttgagctatcctcgacgtacacgtcttaccatcagcactgctgcaatatcctcaa cgtacacgtcttccac
Sequenc YCL028W 1022	from: 1147	22	1 to: 42	1218 3 75.4	tcatctacttcttatcctcctcttctactttatgcatactctccatct
487	666	22	90	2 81.1	atggaagaccgcaatcagcgggacaccagcactccaatgagt
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379	576	20	66	3 71.7	ctactccaccaccaccaccaccaccaccaactgctacttccggtactaccacagtaacatcagctccac
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1168	1374	28	69	3 73.4	agataacaaggcagaaaaagaagaagaataataaaggtggaagtgacccagaggagccaagcaa aaagat
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957	1109	20	51	3 73.2	tccatagattagatcaaaaaagaatgataaaactatctgacagattgaaggtatttaaaaaaaaat taaactttgcaaaatgaaataataataatgctaat
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1387	1698	20	78	4 65.7	gaattggagagcaaaatcaacgaaaaagattcacagttgagatcaaggaagatgaattgaaaaatca aaagatgagttaaat
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542	667	28	42	3 77.8	caacagcaacaacaacaacaacaacaacatcaaccacagcaa
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39	218	24	60	3 73.3	aaggtgatgtgagatgatggagaggaaggtaaaggtgaagaagaagaagacgatcatgaac

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219	362	76	48	3 93.1	ctccaacaacaatgattcatatggctctaacaacaatgattcatatgg
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677	910	120	78	3 92.3	ttctaacaacgatgattcctacggttcttccaacaagaagaagattcttatggttccaacaacgacga ttcatatgg
11	154	76	48	3 93.1	ctccaacaacaatgattcatatggctctaacaacaatgattcatatgg
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2879	3040	20	54	3 72.8	actccccaaaaatggcaaggaaatggagtcctcagatgtagtgggcaatactg
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680	763	20	42	2 86.9	gtgaaattttagtacaaagttcggcgatttcagtagcccta