

PART V. Aberration Stocks

Each aberration is identified by a symbol specifying the type of aberration (*T*= translocation, *In*=inversion, *Dp*=duplication, *Tp*=intrachromosomal transposition). This is followed by Roman numerals in parentheses, specifying the linkage group (or groups), where known, and finally by the original isolation number (an integral part of the symbol).

For reciprocal translocations, linkage groups are separated by a semicolon. For insertional translocations and other rearrangements that generate viable duplications, an arrow indicates the direction of transfer of the transposed segment (which will contribute the duplicated segment).

Symbols of markers known to be distinct and separable from the aberration are set off by a comma e.g. *T(IV;VI)45502,pyr-4*. The isolation number of such separable markers are given in parentheses. Mutant phenotypes not known to be separable from the aberration are symbolized without a comma, and no isolation number is given for them e.g. *T(I;VII)17084 thi-1*.

In some cases more than one separable aberration may be recovered from the same initial strain. These bear the same isolation number, but to avoid confusion, a lower case letter (other than a) is appended to the isolation number of each component aberration, or of each aberration after the first -- e.g. *T(I;V)36703* and *T(II;III)36703b*, both of which were present in the original strain 36703.

All aberration stocks were deposited by D.D. Perkins except as follows:

AJG: 2957	DNP: 1160,1161,1563,1564	MEC: 670
AMK: 917	EGB: 2946	PSL: 766,767
AMS: 3418	ELT: 870	RLM: 2533,2537,3158-3169, 8320
BCT: 3134,3135,3156	IB: 4433,4434,6699,6700	RWB: 484,509,529
DAS: 2272	JFL: 3948-3951,4629-4635,	SB: 7504
	7406-7413	

A majority of the listed rearrangements are described as to origin, phenotype, fertility, genetics and cytology, and published references are cited, in Perkins and Barry. 1976. *Adv. Genet.* 19: 133-285 (1977) and *Neurospora Newsletter* 24:12-13. Also see "Chromosome Rearrangements in Neurospora and other Filamentous Fungi", *Advances in Genetics*, 236:239-398(1997). For information on rearrangements analyzed subsequently, contact D. Perkins. Strains are listed in ascending order according to the first non-interrupted arabic numeral following the parentheses. Digits subsequent to an interruption or letter are ignored unless needed for secondary ordering.

Genotype (isolation numbers of separable markers)	FGSC stock #		Genotype (isolation numbers of separable markers)	FGSC stock #	
	A	a		A	a

A. Reciprocal Translocations. Single Translocation stocks.

<i>T(IIIR;VI)1</i>	976	975	<i>T(IR;VIL)UK9-13</i>	7285	7286
<i>T(III;VI);V1M44n</i>	4255	4256	<i>T(II;III)UK9-15</i>	6816	6817
<i>T(IVR;VI)V1M44o os-2</i>	4286	4287	<i>T(II;V)UK9-17</i>	7070	8258
<i>T(IIIR;IVR)RLM02 pho-5<sup>C</sup></i>	7869		<i>T(I;VR)UK9-18 am</i>	6871	6872
<i>T(III;IVR)RLM04 pho-5<sup>C</sup></i>		7870	<i>T(II;III)UK9-25</i>	6818	6819
<i>T(IIR;VL)UK4-22</i>	7129	7130	<i>T(I;IV)UK9-30</i>	6873	6874
<i>T(II;IV)UK4-33</i>	6864	6865	<i>T(IVR;VIIR)AR10</i>	2007	2008
<i>T(II;IV)D5</i>	2393	1554	<i>T(IR;IVR)Z10</i>	5808	5809
<i>T(IL;IIR)KH5-9 eas</i>	7143	7144	<i>T(IVR;VR)AR11r</i>	2093	2094
<i>T(III;VII)UK5-20</i>	6836	6837	<i>T(IL;VR)AR12</i>	2006	1462
<i>T(IR;VI)UK5-27</i>	6912	6913	<i>T(IR;VIL)AR13</i>	1913	1914
<i>T(II;V)UK5-31</i>	6916	6917	<i>T(II;VR)UK14-3</i>	7038	7039
<i>T(VI.VII)UK5-32</i>	6866	6867	<i>T(I;II;VI)UK14-7</i>	7031	7032
<i>T(I;IVR)RLM06 pho-5<sup>C</sup></i>		7871	<i>T(I;V)UK15-1</i>	7082	7083
<i>T(VIR;VIIR)ALS7</i>	1993	2016	<i>T(IV;VII)UK19-4</i>	7047	7048
<i>T(I;VI)UK7-11</i>	6838	6839	<i>T(IL;VI)UK19-37</i>		7051
<i>T(IV;VI)B8</i>	2394	2395	<i>T(VI;VII)UK19-65</i>	7049	7050
<i>T(III;IVR)RLM08 pho-5<sup>C</sup></i>	7872	7873	<i>T(VR;VII)17-088 Pk</i>	3672	3418
<i>T(IVR;VII)RLM09 pho-5<sup>C</sup></i>		7874	<i>T(I;VI)UK17-51</i>		7073
<i>T(IIR;VIL)AR9r</i>	2131	2132	<i>T(I;VI)UK17-51,al-1<sup>S</sup></i>		7072
<i>T(IVR;VIL)MN9 cpc-1 (MN9)</i>	6700	6699	<i>T(III;VII)AR19</i>	1915	1916
<i>T(I;IV)TLd9-2</i>	5804	5805	<i>T(IL;IVR)MEP24 arg-2</i>	3170	3171
<i>T(IV;V)TLd9-6</i>	5806	5807	<i>T(IVR;VR)RLM25 pho-5<sup>C</sup></i>		7875

Genotype (isolation numbers of separable markers)	FGSC stock #		Genotype (isolation numbers of separable markers)	FGSC stock #	
	<i>A</i>	<i>a</i>		<i>A</i>	<i>a</i>
<i>T(IL;V)T27M9</i>	2095		<i>T(I;IV)Z135</i>	5814	
<i>T(IIL;VL)AR30</i>	2004	2005	<i>T(I;III)NM136</i>	2639	2588
<i>T(IIL;VL)AR30,caf-1 at</i>	3950	3951	<i>T(I;IV)NM137</i>	1874	1875
<i>T(IIL;VL)AR30,fl(P)</i>	3948	3949	<i>T(IR;IVR)NM139 bs</i>	1565	1566
<i>T(V-&gt;IV)AR33, acon-3</i>	8603	8604	<i>T(IR;IVR)NM140</i>	1759	1548
<i>T(IV;V)T33M8</i>	2397	2398	<i>T(IVR;VR)NM141</i>	2025	1479
<i>T(IVR;VR)MEP35d</i>	4526	4527	<i>T(IR;VR)NM143</i>	1549	1550
<i>T(III;IV)T42M36</i>	2443	2444	<i>T(IR;IVR)NM144</i>	1336	1335
<i>T(III;VII)LO44</i>	5789	5790	<i>T(IVR;VR)NM145</i>	2098	2099
<i>T(VL;VII)AR45</i>	1760	1761	<i>T(I;III)NM146</i>	2449	2450
<i>T(IV;V)L046</i>	4639	4640	<i>T(I;IIIR)NM150</i>	2060	2061
<i>T(IIR;VIIR)T51M143</i>	2399	2400	<i>T(I;VIR)NM152d</i>	4697	4698
<i>T(I;VI)T51M158</i>	2759	2760	<i>T(IIR;VR)ALS154,mei-3(JL102)</i>		2062
<i>T(I;VI)T51M166</i>	2401	2402	<i>T(IIR;VR)ALS154</i>		2063
<i>T(IIIR;VR)Z52,inl(89601)</i>	5810	5111	<i>T(IIR;VR)ALS154,mei-3;fl(JL102;P)</i>		4629
<i>T(I;IVL)HK53 cut</i>	2272	2068	<i>T(IR;VIIR)NM155</i>	1877	1878
<i>T(I;IVL)HK53 cut,mei-1</i>	176		<i>T(IV;VII)NM156</i>	1921	1922
<i>T(IR;VI)P54</i>	2445	2446	<i>T(VR;VIR)NM157</i>	2648	2649
<i>T(IR;IVR)T54M19</i>	2135	2136	<i>T(IVR;VIIR)NM158</i>	2026	2027
<i>T(VR;VI)T54M117 un</i>	3055	3056	<i>T(V;VII)NM159</i>	2411	2412
<i>T(II;III)T54M140b</i>	2941	2942	<i>T(IR;IVR)NM160</i>	1338	1337
<i>T(IIR;IIIR)AR62</i>	1545	1546	<i>T(IIR;IIIR)C161 aro(C161)</i>	2106	2107
<i>T(I;II)B66</i>	1464	1465	<i>T(IIR;IIIR)NM161</i>	2028	2029
<i>T(IV;VIL)P73B12</i>	2623	2624	<i>T(VR;VI)NM162b</i>	2591	2592
<i>T(IR;IIIR)P73B101</i>	2645	2646	<i>T(IR;VIL)NM163</i>	2030	2756
<i>T(IIR;VIIR)P73B169</i>	2625	2626	<i>T(IR;IVR)NM164</i>	1341	1340
<i>T(IR;IIR)STL76</i>	2096	2097	<i>T(I;VII)ALS167,rg-1 cr-1(B53,B123)</i>	2413	2529
<i>T(I;VIIR)K79 met-7</i>	2297	2298	<i>T(I;IIR)NM168</i>	1923	1924
<i>T(II;IV)SG81 mb</i>	4532	4533	<i>T(IIIR;VIIR)NM169r</i>	1816	1817
<i>T(I;VI)C84</i>	3437	3438	<i>T(I;IV)NM170</i>		1489
<i>T(VIL;VII)MN86</i>	3185	3186	<i>T(I;IV)P170</i>	4497	4498
<i>T(VI;VII)NCRL91 plm</i>	4243	4244	<i>T(V;VI)NM171</i>	2451	2452
<i>T(I;II)UK93D1</i>	7566	7567	<i>T(IR;IIL)ALS172</i>	3035	3036
<i>T(IIIR;VI)UK93 D3</i>	8112	8113	<i>T(IR;IVR)NM172</i>	1345	1518
<i>T(I;V)UK93E1</i>	7660	7661	<i>T(VR;VI)AR174</i>	2678	2679
<i>T(II;VI)Z99,aro-9(Y325M6)</i>	5812	5813	<i>T(I;VR)AR175</i>	2593	2594
<i>T(III;V)NM101</i>	1879	1880	<i>T(VIR;VIR)NM175</i>	2295	2293
<i>T(I;III)NM107</i>	2058	2059	<i>T(IV;V)Y175M253</i>	3521	3522
<i>T(III;VII)JL108</i>	6632	6633	<i>T(VR;VII)Z175</i>	5902	5903
<i>T(IL;IIIR)NM109</i>	2627	2628	<i>T(V;VII)Z175,inl(89601)</i>	5815	5816
<i>T(IR;VR)ALS111</i>	2629	2630	<i>T(IIIR;VL)AR177</i>	2680	2681
<i>T(III;VII)Y112M4r</i>	2631	2632	<i>T(I;IVR)AR180b</i>	2754	2755
<i>T(IV;VII)NM113</i>	1917	1918	<i>T(IR;IIIR)AR180r</i>	2939	2940
<i>T(III;IV)NM118</i>	2403	2404	<i>T(IIR;VR)NM180</i>	2031	1491
<i>T(IR;IVR)NM119</i>	1447	1334	<i>T(IIIR;VI)AR181</i>	2453	2454
<i>T(I;III)Z119</i>	5870	5871	<i>T(I;IVR)NM181</i>	2933	2934
<i>T(I;VII)Z121</i>	6570	6571	<i>T(I;VI)AR182</i>	2597	2598
<i>T(IV;VII)ALS122</i>	2986	2987	<i>T(III;VL)NM183</i>	2633	2634
<i>T(VI;VII)NM124</i>	2214	1472	<i>T(V;VI)AR184</i>	2416	2417
<i>T(IVR;VR)NM125</i>	2447	2448	<i>T(III;VI)AR186</i>	1925	1926
<i>T(IIR;IVR)NM126</i>	1611	1612	<i>T(I;IV)AR193</i>	2470	2471
<i>T(I;III)NM127</i>	2405	2406	<i>T(IIL;VI)Z194</i>	5862	5863
<i>T(I;IVR)NM128</i>	7338		<i>T(IVR;VI)AR207</i>	1927	1928
<i>T(I;II)NM129</i>	2330	2331	<i>T(IR;III)AR208</i>	1929	1930
<i>T(I;VL)NM130</i>	2407	2408	<i>T(III;IV)AR211</i>	1933	1934
<i>T(III;IV)NM131</i>	2409	2410	<i>T(IR;IVR)AR212</i>	1521	1522
<i>T(IIR;IIIR)ALS132</i>	3041	3042	<i>T(IR;IIL)AR216</i>	1950	
<i>T(IR;IV)NM132</i>	7339		<i>T(IR;IIL)AR216,al(AR216)</i>	1606	1607
<i>T(II;VII)NM134</i>	1919	1920	<i>T(IVR;VR)AR221</i>	2034	2035
<i>T(I;II)NM135</i>	2023	2024	<i>T(I;VI)Y234M419</i>	2635	2636

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	mating type			mating type	
	<i>A</i>	<i>a</i>		<i>A</i>	<i>a</i>
<i>T(I;VIL)Y234M470</i>	6019	6020	<i>T(IR;III)P2648</i>	1492	2032
<i>T(I;VR)Z252</i>	5920	5921	<i>T(II;VI)P3340</i>	3123	3124
<i>T(II;IV)Y256M230</i>	1556		<i>T(IR;VR)P3427</i>	5796	5797
<i>T(II;IV)Y256M230;ylo-2(Y256M230)</i>	917		<i>T(I;IIIR)3717 vis</i>	2682	2683
<i>T(I;IV)D304</i>	1443	1444	<i>T(I;VR)P4038'</i>	5872	5873
<i>T(I;II)OY324</i>	3835	3836	<i>T(IR;IIR)4637 al-1</i>	253	252
<i>T(VL;VIL)OY325 ser-6</i>	3737	3738	<i>T(IR;IIR)4637 al-1;pan-1;het-1</i> (4637;5531;no#)	7342	
<i>T(II;VI)OY326</i>	3676	3677	<i>T(I;IIR)P4704</i>	2425	2426
<i>T(IR;VR)OY327</i>	3663		<i>T(IR;VR)P5166</i>	2185	2186
<i>T(IR;VR)OY327,al-2(15300)</i>		3664	<i>T(IL;IIL)P5390</i>	2455	2456
<i>T(I;VI)OY328</i>	3678	3679	<i>T(IL;VR)P5401</i>	2427	2428
<i>T(I;VI)OY331</i>	3680	3681	<i>T(IIIR;VI)P6070</i>	2601	2602
<i>T(I;II)OY332</i>		3682	<i>T(IR;IIL)P7889</i>	3316	3317
<i>T(IL;VIIR)SB332 cla-1;bd</i>		7504	<i>T(I;VR)P7987</i>	3221	3222
<i>T(II;IV)OY334</i>	3683	3684	<i>T(III;VII)P8804</i>	6684	6685
<i>T(I;III)OY335</i>		3686	<i>T(V;VII)P9103</i>	4699	4700
<i>T(I;III)OY335;ylo-1 (Y30539y)</i>	3685		<i>T(IR;IVR)P9329</i>	3851	3852
<i>T(II;V)OY336</i>	3797	3798	<i>T(III;IV)P9673</i>	3828	3829
<i>T(IL;IIR)OY338 arg/lys</i>	3837	3838	<i>T(III;VII)17084 thi-1</i>	216	509
<i>T(IIIL;VR)OY339</i>	3687	3688	<i>T(IR;VR)36703</i>	1445	1446
<i>T(II;IV)OY340</i>	3689	3690	<i>T(IR;VR)36703,arg-1 (36703)</i>	273	529
<i>T(IR;IIR)OY341</i>		3692	<i>T(IIL;III)36703b</i>	1552	1553
<i>T(IR;IIR)OY341,al-2 (15300)</i>	3691		<i>T(IVR;VIR)45502</i>	1067	1876
<i>T(III;IV)OY342d</i>	7492	7493	<i>T(IVR;VIR)45502,pyr-3 (45502)</i>	208	207
<i>T(I;III)OY344</i>	3748	3749	<i>T(VR;VIL)46802 inl</i>	670	1199
<i>T(I;III)OY345</i>	3799	3800	<i>T(VR;VIL)46802 inl,his-1,pk;chol-2,ad-8</i> (C84,B6;47904,Y226M58)	1283	1284
<i>T(IV;VI)P347</i>	4258	4259	<i>T(IL;VR)47711</i>	226	223
<i>T(III;VI)OY352</i>	5791	5792	<i>T(II;IV)P50391</i>	7591	7592
<i>T(I;II)OY353</i>		5793	<i>T(IV;VII)P50392</i>	7531	7532
<i>T(III;VI)OY354</i>	5895	5896			
<i>T(I;III)OY355</i>	5866	5867			
<i>T(VI;VII)OY356</i>	5904	5905			
<i>T(I;IIIR)OY357</i>	6138	6139			
<i>T(I;VI)OY358</i>	6021	6022			
<i>T(IIL;VIL)B362r</i>	3011	3012			
<i>T(IVR;VIIR)STL384b</i>	2421	2422			
<i>T(IVR;VIL)STL384r</i>	2419	2420			
<i>T(IIIL;VL)MB412</i>	5794	5795			
<i>T(III;VII)MB414</i>	7134	7135			
<i>T(V;VI)A420</i>	2334	2335			
<i>T(IR;VII)TM429 his-3</i>	2530	2531			
<i>T(IR;VIL)P649</i>	1608	1609			
<i>T(IL;VII)MB727</i>	3944	3945			
<i>T(I;VI)RLM940, ylo-1 (30539y)</i>	7494	7495			
<i>T(I;VII)S1007</i>	227	224			
<i>T(I;VII)S1007,asn (S1007)</i>		484			
<i>T(III;IV)S1302 col-6</i>		1400			
<i>T(IR;VR)C-1670 pk</i>	483	2761			
<i>T(I;VII)P1676</i>	1935	1936			
<i>T(II;III)P1831</i>	5930	5931			
<i>T(V;VI)JH2003</i>	2423	2424			
<i>T(I;II)P2006</i>	7496	7497			
<i>T(III;IV)P2089</i>	6781	6782			
<i>T(I;II)P2117</i>	6300	6668			
<i>T(III;VI)P2190</i>	6491	6492			
<i>T(IVR;VR)R2355</i>		222			
<i>T(IVR;VR)R2355;ylo-1;wc-1</i> (Y30539y;P829)		221			
<i>T(II;V)R2497</i>	4290	4291			
<i>T(I;II)EB2501</i>	3047	3048			

Genotype	FGSC stock #		(isolation numbers of separable markers)
	A	a	

Stocks with two or more reciprocal translocations

<i>T(III;VL)AR30 T(IIR;VR)ALS154, acr-3;arg-5 fl;ilv</i>	4633	4634	KH24(r),27947,P,STL3
<i>T(III;VL)AR30 T(IIR;VR)ALS154 fl</i>		4635	P
<i>T(I;II)4637 al-1;T(IV;V)R2355,cot-1; T(III;VI)1,ylo-1 (=alcoy linkage tester)</i>	997	998	C102(t);Y30539y
<i>T(I;II)4637 al-1;T(IV;V)R2355,cot-1; T(III;VI)1,ylo-1;csp-2 (alcoy;csp-2)</i>	3661	3434	C102(t);Y30539y;UCLA101
<i>T(I;II)4637 al-1;T(IV;V)R2355,cot-1; T(III;VI)1,ylo-1;inl;csp-2 (alcoy;csp-2)</i>		3717	C102(t);Y30539y;37401;UCLA101
<i>T(I;II)4637 al-1;T(IV;VI)45502,pyr-3</i>		2196	45502
<i>T(I;VII)17084 thi-1; T(IV;VI)45002,pyr-3</i>	1079	1080	45502
<i>T(I;VII)S1007,un-3;T(V;VI)46802</i>		1071	55701(t)
<i>T(I;II)4637 al-1; T(IV;V)R 2355; T(VI;VII)MN 86</i>		8610	

B. Complex translocations involving more than two linkage groups

<i>In(IL;IR)T(IL;IIR)SLm-1</i>	5413	5414	
<i>T(III;IV;VI)TLd4-4</i>	5924	5925	
<i>T(VI;VII)TLd5-7</i>	5802	5803	
<i>T(I;IV;VR)UK8-21</i>	7068		
<i>T(I;IV;VR)UK8-21,at</i>		7069	M111
<i>T(III;IV;VII)UK14-5</i>	7080	7081	
<i>T(IIR-[IR;IIR])AR17</i>	2442	1463	
<i>T(IL;IVR;IVR;VR)MEP35 arg-3</i>	3844	3845	
<i>T(III;VR;VII)ALS169</i>	3197	3198	
<i>T(IR-VII;IR;V;VII)AR173</i>	2468	2469	
<i>T(IVR;VIL;VIIR)ALS175</i>	2931	2932	
<i>T(I;III;VI;VII)AR176</i>	2708	2709	
<i>T(I;III;VR;VI)ALS178,rg-1 cr-1</i>		7501	B53 B123
<i>T(III-[ ;IV;V])AR179</i>	2595	2596	
<i>T(I;IVR;IR;IIR)AR180</i>	7491		
<i>T(IR-II;I;VII)AR217</i>	3033	3034	
<i>T(IR-II;I;VII)AR217,ad-9 cyh-1</i>		3149	Y154M37,KH52(r)
<i>T(IIR-[ ;IIR;VIL)D305</i>	2139	2140	
<i>T(IIR-[ ;IIR;VIL)D305,dow</i>	3150	3151	P616
<i>T(IIR;V;VIIR)P1156</i>	2599	2600	
<i>T(IVR-VIIL;IL;IIR;IVR)S1229 arg-14,pe</i>	2946	268	Y16329,Y8743m
<i>T(VIL-[I;IIR])Y16329</i>	2710	2711	
<i>T(VIL-[I;III]R)Y16329,phe-2</i>	870		

C. Inversions that do not generate viable duplications  
see Barry and Leslie, 1982; Turner and Perkins, 1982

<i>In(IL;IR)OY323</i>	3793	3794	
<i>In(IL;IR)OY323,al-2</i>	4257	3796	15300
<i>In(IL;IR)OY323,arg-1,al-2</i>	3795		B369,15300
<i>ro-10 In(IL;IR)OY323,al-2,arg-13</i>	7481	7482	AR7,15300
<i>In(IL;IR)OY348</i>	3839	3840	
<i>In(IIR)UCLA191 eas</i>	2960	2961	
<i>In(IIR)UCLA191 eas</i>	9472	9473	
<i>rid-1; In(IIR)UCLA191 eas</i>	9996	9997	rip1 or rip4; UCLA191
<i>In(IIR)UCLA191 eas trp-3</i>	9998	9999	UCLA191 td24
<i>arg-12 In(IIR)UCLA191 eas trp-3</i>		10000	UM107 UCLA191 td24
<i>arg-12 In(IIR)UCLA191 eas</i>		10002	UM107 UCLA191
<i>(ace-1 In(IIR)UCLA191 eas + helper 1)</i>		10001	T2492 UCLA191 + helper
<i>(un-20 In(IIR)UCLA191 eas trp-3 + helper 1)</i>		10003	P2402 UCLA191 td24 + helper

Genotype (isolation numbers of separable markers)	FGSC stock #		Genotype (isolation numbers of separable markers)	FGSC stock #	
	<i>A</i>	<i>a</i>		<i>A</i>	<i>a</i>

D. Insertional translocations that do not generate viable duplications

<i>T(IR↔IV)Y112M15 ad-3A</i>	2957	
<i>T(IR↔VR)S1325 nic-2</i>	1558	1557

E. Rearrangements that produce viable duplications when crossed by normal

<i>T(VIR↔IVR)CJS1</i>	2676	2677	<i>T(II↔VIIR)P73B159 wc-1</i>	3039	3040
<i>T(IR↔VL)UK1-35</i>	6881	6882	<i>T(VIIR↔IR)Z88</i>	6298	6299
<i>T(IR↔IIR)MD2</i>	3826	3827	<i>T(IR↔VIR)NM103</i>	2137	2138
<i>T(VR↔VL)UK2-y,am</i>	7245	7246	<i>T(IR↔VIR)NM103 het-5<sup>PA</sup></i>	7346	7347
<i>T(VR↔VL)UK2-y,am al-3 inl</i>			<i>T(IR↔VIR)NM103,ad-9 cyh-1 al-2</i>		
<i>UK2-y,RP100 89601</i>	7589	7590	<i>(Y154M36,KH52(r),15300)</i>		3134
<i>T(IR↔VII)UK2-26,al-1(34508)</i>		7030	<i>T(IR↔VIR)NM103,cyh-1 al-1<sup>Y</sup> arg-13 R</i>		
<i>T(IVR↔VL)UK2-32</i>	7294	7295	<i>(KH52(r),ALS4,RU3,35408)</i>		3135
<i>T(VR↔VIL)UK3-41,inl (37401)</i>	6869	6870	<i>T(IR↔IIIR)Y112M4i ad-3B</i>	2637	2638
<i>T(VR↔VII)EB4</i>	3046	2180	<i>T(I↔IV)Y112M115 ad-3A</i>	2957	
<i>T(VIL↔IR)IBj5 cpc-1</i>	4433	4434	<i>T(IIL↔VR)NM149,het-c (no#)</i>	1483	1482
<i>T(IIIR↔IL)UK8-18</i>	7037	7131	<i>T(IIL↔VR)NM149,het-C (no#)</i>	3879	3880
<i>T(IIIR↔IL)UK8-18,ro-2 (B20)</i>		7133	<i>T(IIL↔VR)NM149,het-c<sup>PA</sup> (no#)</i>	2647	2188
<i>T(VR↔IIIR)DBL9</i>	5926	5927	<i>T(IIL↔VR)NM149,het-6<sup>PA</sup> (no#)</i>	7352	7353
<i>T(VR↔IIIR)DBL9,inv (DBL9)</i>	5928	5929	<i>T(IIL↔VR)NM149,het-c<sup>AD</sup> (no#)</i>	2191	2192
<i>T(IR↔VIR)UKT12</i>	6926	6927	<i>T(IIL↔VR)NM149,het-c<sup>AD</sup> pyr-4</i>		
<i>T(IR↔VIR)UKT12,un-1 (44409)</i>	7036		<i>(no# 36601)</i>	7314	7315
<i>In(IL↔IR)AR16</i>	3315	1614	<i>T(IIL↔VR)NM149,het-c<sup>GR</sup> (no#)</i>	2193	2194
<i>In(IL↔IR)AR16,leu-3 (R156)</i>		3129	<i>T(IIL↔VR)NM149,het-C pyr-4</i>		
<i>T(IIIR↔[IR,IIR])AR17</i>	2442	1463	<i>(no#,36601)</i>		3136
<i>T(IIL↔IIIR)AR18</i>	2643	2644	<i>T(IIL↔VR)NM149,het-C ro-3</i>		
<i>T(VL↔IVL)AR33</i>	2021	2396	<i>(no#,R2354)</i>	2011	2012
<i>T(VL↔IVL)AR33,caf-1 (KH101)</i>	5220	5221	<i>T(IVR↔I)NM152</i>	1752	1753
<i>T(IL;IVR;IVR;VR) MEP35 arg-3</i>	3844	3845	<i>T(IVR↔I)NM152, trp-4</i>		8957
<i>T(VIL↔IR)T39M777</i>	2133	2134	<i>T(IR;IIR;III)Y155M64 ad-3A</i>	3037	3038
<i>T(VIL↔IR)T39M777,ad-8</i>			<i>T(IVR↔VIR)ALS159</i>	2100	2101
<i>(Y112M343)</i>	3187	3188	<i>T(IVR↔VIR)ALS159,cot-1 cys-4;ylo-1</i>		
<i>T(VIL↔IR)T39M777,chol-2 (47904)</i>		3131	<i>(C102(i),K7,Y3053)</i>		3138
<i>T(VIL↔IR)T39M777,chol-2;arg-13</i>			<i>T(IVR↔VIR)ALS159,cys-4;ylo-1</i>		
<i>(47404;RU3)</i>	3130		<i>(K7,Y30539y)</i>	3137	
<i>T(VIL↔IR)T39M777 het-8<sup>HO</sup></i>	7411	7410	<i>T(IVR↔VIR)ALS159,met-2 pan-1;ylo-1</i>		
<i>T(VIL↔IR)T39M777 het-8<sup>PA</sup></i>	7413	7412	<i>(P159,5531,Y30539)</i>		3189
<i>T(VIL↔IR)T39M777,nit-6,het-8<sup>OR</sup></i>			<i>T(IVR↔VIR)ALS159,trp-4 met-2;</i>		
<i>(OP4)</i>	7409	7408	<i>ylo-1 (Y2198,K43,Y30539)</i>	3190	
<i>T(VIL↔IR)T39M777,ser-6,het-8<sup>OR</sup></i>			<i>T(IR↔VL)NM169d</i>	2279	2280
<i>(DK42)</i>	7406	7407	<i>T(IR↔VII;IR;V;VII)AR173</i>	2468	2469
<i>T(IL↔VIL)T51M156 un</i>	2270	2271	<i>T(IVR;VIL;VIIR)ALS175</i>	2931	2932
<i>T(VIIL↔IVR)T54M50,het-e (no#)</i>	2466	2467	<i>T(IIR↔VL)ALS176</i>	2102	2103
<i>T(VIIL↔IVR)T54M50,het-E (no#)</i>	2603	2604	<i>T(IIR↔VL)ALS176,het-C het-D</i>	2414	3014
<i>T(VIIL↔IVR)T54M50,het-e nic-3</i>			<i>T(IIR↔VL)ALS176,het-C het-d</i>	3013	2415
<i>(no#,Y31881)</i>	3132	3133	<i>T(IIR↔VL)ALS176,fl (L)</i>		3139
<i>Tp(IR↔IR)T54M94</i>		2928	<i>T(IIR↔VL)ALS176,pe (Y8743m)</i>		3140
<i>Tp(IR↔IR)T54M94,al-2 cyh-1</i>			<i>T(IIR↔VL)ALS176,pe fl</i>		
<i>(RIP-15300 KH52)</i>		7565	<i>(Y8743m,L)</i>	3141	3142
<i>Tp(IR↔IR)T54M94,un-18</i>			<i>T(I;III;VI;VII)AR176</i>	2708	2709
<i>(T54M94(t))</i>	2943		<i>In(IL↔IR)NM176</i>	3267	1613
<i>T(I;III;III;II)T54M140 un</i>	4528		<i>In(IL↔IR)NM176,ser-3 (47903)</i>		3143
<i>T(VL↔ )MB67</i>	6714	6715	<i>T(IIR↔IL)NM177</i>	1610	2003

Genotype (isolation numbers of separable markers)	FGSC stock # mating type		Genotype (isolation numbers of separable markers)	FGSC stock # mating type	
	<i>A</i>	<i>a</i>		<i>A</i>	<i>a</i>
<i>T(IIR-IL)NM177,aro-1 (Y7655)</i>	3158		<i>T(IR-VIR)OY343</i>	3881	3882
<i>T(IIR-IL)NM177,cys-11 (85518)</i>	3159	3160	<i>T(IR-VIR)OY343,al-2 arg-13</i>		
<i>T(IIR-IL)NM177,leu-3 (R156)</i>		3161	<i>(15300,RU3)</i>	6704	
<i>T(IIR-IL)NM177,leu-3 leu-4</i>			<i>T(IL-VIL)OY347</i>		3870
<i>(R156,R108)</i>	3162		<i>T(VIL-IVR)OY349</i>	5868	5869
<i>T(IIR-IL)NM177,nuc-2 (RLM38)</i>	3165		<i>T(VIL-IR)OY350</i>	4641	4642
<i>T(IIR-IL)NM177,pcon<sup>c-2</sup> nuc-2<sup>(0)35</sup></i>			<i>T(VIL-IR)OY350 chol-2</i>	8277	8278
<i>(c-2,35(t))</i>	3166		<i>T(IVR-I)B362i</i>	2935	2988
<i>T(IIR-IL)NM177,pcon<sup>c</sup> (c-2)</i>	2533	3163	<i>T(IIIR;VR;VII)P1156</i>	2599	2600
<i>T(IIR-IL)NM177,preg<sup>c</sup> (c-1)</i>	2537	3164	<i>(IVR-VIIL;IL;IIR;IVR)S1229</i>		
<i>T(VIIL-IVR)ALS179</i>	2264	2265	<i>arg-14,pe (S1229,Y8743m)</i>	2946	268
			<i>T(I-VIL)S1425</i>	5011	5012
			<i>T(IIL-IV)R2394</i>	2757	2758
<i>T(VIIL-IVR)ALS179,cya-8A +</i>			<i>T(IL-IIIR)R2472 pro</i>	3284	3285
<i>a<sup>m1</sup> ad-3B cyh-1</i>			<i>T(IIR;VIR)R2459</i>	7287	7288
<i>(P9178 + I,B114,KH52)</i>	4557		<i>T(IIL-VI)P2869</i>	1828	1829
<i>T(IIL-[IV;V])AR17</i>	2595	2596	<i>T(IIL-VI)P2869,ylo-1 (Y30539y)</i>	3125	3126
<i>T(IR-VL)ALS182</i>	2973	2974	<i>In(IL-IR)H4250</i>	1563	1564
<i>T(IR-VL)ALS182,al-2 (15300)</i>		3929	<i>In(IL-IR)H4250,arg-1 (H4250)</i>	1160	1161
<i>T(IR-VL)ALS182,met-6 (35809)</i>		3146	<i>In(IL-IR)H4250,aur R</i>		
<i>T(IR-VL)ALS182,thi-1 cyh-1 aur</i>			<i>(34508,35408R)</i>	3156	
<i>(56501,KH52(r),34508)</i>	3144		<i>In(IL-IR)H4250,leu-3;tol</i>		
<i>T(IR-VL)AR190</i>	1951	1952	<i>(R156;N83)</i>	3253	3254
<i>T(IR-VL)AR190,lys-1 (66202)</i>	3174	3175	<i>In(IL-IR)H4250;tol (N83)</i>	1947	2975
<i>T(IR-VL)AR190,met-6 al-1<sup>Y</sup></i>			<i>T(IVR-IIIR)S4342</i>	2064	2065
<i>(35809,ALS4)</i>		3167	<i>T(IVR-IIIR)S4342,pt (S4342)</i>	109	
<i>T(IR-VL)AR190,nic-2 (43002)</i>	3172	3173	<i>T(IR-IIIR)4540 nic-2</i>	766	767
<i>T(IR-VL)AR190,nic-2 cyh-1 al-1</i>			<i>T(VIIR-IL)5936</i>	2104	2105
<i>(43002,KH52(r),JH216)</i>	3176	3177	<i>T(VIIR-IL)5936,arg-10 (B317)</i>	3152	3153
<i>T(IR-VL)AR190,nic-2 ad-9 cyh-1 al-2</i>			<i>T(VIIR-IL)5936,leu-3 (5936)</i>	217	
<i>(43002,Y154M37,KH52(r),MN58p)</i>	3180	3181	<i>T(VIIR-IL)5936,nt (65001)</i>	3154	
<i>T(IR-VL)AR190,nic-2 al-2 lys-1</i>			<i>T(IR-VII)P7442 mo</i>	3208	3209
<i>(43002,MN58,66202)</i>	3178	3179	<i>T(VIL-[I;IIIR])Y16329</i>	2710	2711
<i>T(IR-VL)AR190,thi-1 (56501)</i>	3169	3168	<i>T(VIL-[I;IIIR])Y16329,phe-2</i>	870	
<i>T(VIR-IVR)AR209</i>	1931	1932	<i>T(IL-IIIR)39311</i>	1245	1246
<i>T(VIR-IVR)AR209,pan-2</i>			<i>T(IL-IIIR)39311 a<sup>m33</sup></i>		6705
<i>(Y154M64)</i>	3147	3148	<i>T(IL-IIIR)39311,ser-3 arg-1;tol</i>		
<i>T(IR-II;I;VII)AR217</i>	3033	3034	<i>(47903,B369,N83)</i>		3220
<i>T(IR-II;I;VII)AR217,ad-9 cyh-1</i>			<i>T(IL-IIIR)39311,suc (39311)</i>		41
<i>(Y154M37,KH52(r))</i>		3149	<i>T(IL-IIIR)39311,suc (39311)</i>		1247
<i>T(IIIR- ;IIIR;VIL)D305</i>	2139	2140	<i>T(IL-IIIR)39311;tol trp-4</i>		
<i>T(IIIR- ;IIIR;VIL)D305,dow (P616)</i>	3150	3151	<i>(N83,Y2198)</i>	2985	2976
<i>T(VIR-IIIR)OY320</i>	3635	3636			
<i>T(IL-VL)OY321</i>	3746	3747			
<i>T(IL-VL)OY321,nit-2 leu-3</i>					
<i>(nr37,R156)</i>	4288	4289			
<i>Dp(VL-IL)QNS-1 (OY321)</i>	5380				
<i>Dp(VL-IL)QNS-2 (OY321)</i>	6572				
<i>Dp(VL-IL)QNS-6 (OY321),nit-2 leu-3;</i>					
<i>caf-1 at (nr37,R156;KH101,M111)</i>	5381				
<i>T(IL-IVR)OY322</i>	3662				
<i>T(VIR-IIIR)OY329</i>	3670	3671			
<i>T(IL-VR)OY330</i>	3665				
<i>T(IVR-IL)OY333 met</i>	3666	3667			
<i>T(IIR-IVR)OY337</i>	3669				
<i>T(IIR-IVR)OY337;al-2 (15300)</i>	3668				
<i>T(IIR-IVR)OY337,fl trp-3 (P,td24)</i>		4886			
<i>T(IIR-IVR)OY337 het-D</i>	7472	7473			

Genotype	FGSC stock #		(isolation numbers of separable markers)
	<i>A</i>	<i>a</i>	

F. Heteromorphic chromosome stocks

SATELLITE-LESS

<i>sat</i>	no #	VL	944	945

G. Mini-chromosome stocks

T(VIL→IR)T39M777,	8320	8404
T(VIR→IIR)OY329, ad-8A(Y112M343)		