

Supplementary Table 1. List of fly lines tested for modifier screening of the DREF-induced rough eye phenotype

<i>Allele(s) tested</i>	Cytological location	<i>gene</i>	CG number	Type of allele	Effect on Rough eye Phenotype
<i>Df(1)sqh</i>	5D1-5D2; 5E			Deficiency	Suppression
<i>Act5C</i> ^{G0117}	5C7	<i>Act5C</i>	CG4027	P element insertion	N.D.
<i>Mipp2</i> ^{G0303}	5D4	<i>Mipp2</i>	CG4317	P element insertion	N.D.
<i>Lag1</i> ^{G0365}	5E4	<i>Lag1</i>	CG3576	P element insertion	Suppression
<i>Lag1</i> ^{G0489}	5E4	<i>Lag1</i>	CG3576	P element insertion	N.D.
<i>l(1)G0287</i> ^{G0287}	5E4	<i>Ubi-p5E</i>	CG32744	P element insertion	Suppression
<i>Df(1)C128</i>	7D1; 7D5-7D6			Deficiency	Enhancement
<i>Tom40</i> ^{G0216}	7B7	<i>Tom40</i>	CG12157	P element insertion	Enhancement
<i>l(1)G0155</i> ^{G0155}	7C3	<i>l(1)G0155</i>	CG1515	P element insertion	Enhancement
<i>l(1)G0459</i> ^{G0459}	7D	<i>l(1)G0459</i>		P element insertion	N.D.
<i>fs(1)h</i> ^{G0093}	7D4	<i>fs(1)h</i>	CG2252	P element insertion	Enhancement
<i>mys</i> ^{KG02930}	7D5	<i>mys</i>	CG1560	P element insertion	Enhancement
<i>mys</i> ^{G0281}	7D5	<i>mys</i>	CG1560	P element insertion	Enhancement
<i>mys</i> ^{G0091b}	7D5	<i>mys</i>	CG1560	P element insertion	N.D.
<i>mys</i> ^{G0233}	7D5	<i>mys</i>	CG1560	P element insertion	N.D.
<i>Smox</i> ^{G0348}	7D15	<i>Smox</i>	CG2262	P element insertion	N.D.
<i>Trxr-1</i> ^{G0154}	7D22	<i>Trxr-1</i>	CG2151	P element insertion	N.D.
<i>Trxr-1</i> ^{G0379}	7D22	<i>Trxr-1</i>	CG2151	P element insertion	N.D.
<i>Trxr-1</i> ^{G0477}	7D22	<i>Trxr-1</i>	CG2151	P element insertion	N.D.
<i>Trxr-1</i> ^{G0481}	7D22	<i>Trxr-1</i>	CG2151	hypomorph	N.D.
<i>l(1)G0219</i> ^{G0219}	7E7	<i>CG32711, Trf2</i>	CG32711, CG18009	P element insertion	Enhancement
<i>l(1)G0228</i> ^{G0228}	7E7	<i>CG32711, Trf2</i>	CG32711, CG18009	P element insertion	Enhancement
<i>l(1)G0295</i> ^{G0295}	7E7	<i>CG32711, Trf2</i>	CG32711, CG18009	P element insertion	Enhancement
<i>l(1)G0332</i> ^{G0332}	7E7	<i>CG32711, Trf2</i>	CG32711, CG18009	P element insertion	Enhancement
<i>l(1)G0372</i> ^{G0372}	7E7	<i>CG32711, Trf2</i>	CG32711, CG18009	P element insertion	Enhancement
<i>l(1)G0425</i> ^{G0425}	7E7	<i>CG32711, Trf2</i>	CG32711, CG18009	P element insertion	Enhancement
<i>l(1)G0071</i> ^{G0071}	7E7	<i>CG32711, Trf2</i>	CG32711, CG18009	P element insertion	N.D.
<i>l(1)G0161</i> ^{G0161}	7E7	<i>CG32711, Trf2</i>	CG32711, CG18009	P element insertion	N.D.
<i>l(1)G0203</i> ^{G0203}	7E7	<i>CG32711, Trf2</i>	CG32711, CG18009	P element insertion	N.D.
<i>Df(1)w-L15</i>	9B1-9B2; 10A1-10A2			Deficiency	Enhancement
<i>l(1)G0197</i> ^{G0197}	9B	<i>l(1)G0197</i>		P element insertion	N.D.
<i>l(1)G0289</i> ^{BG00227}	9B11-9B12	<i>l(1)G0289</i>	CG2221	P element insertion	Enhancement*
<i>flw</i> ^{F0172}	9B14	<i>flw</i>	CG2096	P element insertion	N.D.
<i>l(1)G0419</i> ^{G0419}	9D3	<i>spri</i>	CG34414	P element insertion	N.D.
<i>ras</i> ^{G0002}	9E2	<i>ras</i>	CG1799	P element insertion	N.D.
<i>ras</i> ^{G0056}	9E2	<i>ras</i>	CG1799	P element insertion	N.D.
<i>ras</i> ^{G0051}	9E2	<i>ras</i>	CG1799	P element insertion	N.D.
<i>ras</i> ^{G00436}	9E2	<i>ras</i>	CG1799	P element insertion	N.D.
<i>ras</i> ^{G0482}	9E2	<i>ras</i>	CG1799	P element insertion	N.D.
<i>dsh</i> ^l	10B4-10B5	<i>dsh</i>	CG18361	hypomorph	N.D.
<i>dsh</i> ^l	10B4-10B5	<i>dsh</i>	CG18361	Loss of function	N.D.
<i>dsh</i> ^h	10B4-10B5	<i>dsh</i>	CG18361	Loss of function	N.D.
<i>CG15737</i> ^{G0113c}	10F4	<i>CG15737</i>	CG15737	P element insertion	N.D.
<i>Df(1)HF368</i>	11A2; 11B9			Deficiency	Enhancement
<i>Tis11</i> ^{G0124}	11B9	<i>Tis11</i>	CG4070	P element insertion	N.D.
<i>l(1)G0307b</i> ^{G0307b}	12F4	<i>rut</i>	CG9533	P element insertion	N.D.
<i>mei-41</i> ^{G0221b}	14C3	<i>mei-41</i>	CG4252	P element insertion	N.D.
<i>Df(1)16-2-19</i>	19A5; 19D3			Deficiency	Suppression
<i>dome</i> ^{G0199b}	18D13-18E1	<i>dome</i>	CG14226	Loss of function	Enhancement
<i>CG9577</i> ^{KG00994}	19C1	<i>CG9577</i>	CG9577	P element insertion	Enhancement
<i>P{SUPor-P}KG05547</i>	19C1	<i>sw</i>	CG18000	P element insertion	Suppression
<i>l(1)G0004</i> ^{G0004}	19C5-19C6	<i>l(1)G0004</i>	CG11738	P element insertion	Suppression
<i>CG1702</i> ^{EP1525}	19D1	<i>CG1702</i>	CG1702	P element insertion	Suppression*
<i>RhoGAP19D</i> ^{BG01005}	19D1-19D2	<i>RhoGAP19D</i>	CG1412	P element insertion	Enhancement*
<i>l(1)G0196</i> ^{G0196}	20C1	<i>l(1)G0196</i>	CG14616	P element insertion	Enhancement
<i>Df(2L)net-PMF</i>	21A1; 21B7-8			Deficiency	Enhancement
<i>fs(2)neo4</i> ^l	21B	<i>fs(2)neo4</i>		P element insertion	N.D.
<i>kis</i> ^{h11324}	21B5	<i>kis</i>	CG3696	P element insertion	N.D.
<i>U2af38</i> ^{h06751}	21B8	<i>U2af38</i>	CG3582	P element insertion	N.D.
<i>U2af38</i> ^{h14504} , <i>Hop</i> ^{h14504}	21B8	<i>U2af38, Hop</i>	CG3582, CG2720	P element insertion	N.D.
<i>Hop</i> ^{h00616}	21B8	<i>Hop</i>	CG2720	P element insertion	N.D.
<i>Df(2L)al</i>	21B8-C1; 21C8-21D1			Deficiency	Suppression
<i>P{πM}21C</i>	21C			P element insertion	N.D.
<i>fs(2)ry11</i> ^l	21C	<i>fs(2)ry11</i>		P element insertion	N.D.
<i>fs(2)ry6</i> ^l	21C	<i>fs(2)ry6</i>		P element insertion	N.D.
<i>α-Adaptin</i> ^{h0694}	21C2	<i>α-Adaptin</i>	CG4260	P element insertion	N.D.
<i>Rp1135</i> ^{h16513}	21C2	<i>Rp1135</i>	CG4033	P element insertion	N.D.
<i>ebi</i> ^{h16213}	21C2	<i>ebi</i>	CG4063	P element insertion	N.D.

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<i>l(2)k06506</i> ¹⁰⁶⁵⁰⁶	21C2	<i>ex</i>	CG4114	P element insertion	Suppression
<i>l(2)k07308</i> ¹⁰⁷³⁰⁸	21C2	<i>ex</i>	CG4114	P element insertion	Suppression
<i>ex</i> ¹²⁹¹³	21C2	<i>ex</i>	CG4114	P element insertion	N.D.
<i>l(2)k07005</i> ¹⁰⁷⁰⁰⁵	21C2	<i>ex</i>	CG4114	P element insertion	N.D.
<i>l(2)k08915</i> ¹⁰⁸⁹¹⁵	21D1	<i>cbt</i>	CG4427	P element insertion	Enhancement
<i>cb</i> ^{BG02687}	21D1	<i>cbt</i>	CG4427	P element insertion	Enhancement*
Df(2L)S3	21D2-21D3; 21F2-22A1			Deficiency	Suppression
<i>l(2)k09610</i> ¹⁰⁹⁶¹⁰	21D2	<i>l(2)k09610</i>		P element insertion	N.D.
<i>l(2)01855</i> ⁰¹⁸⁵⁵	21E2	<i>ds</i>	CG17941	P element insertion	Enhancement
<i>ds</i> ⁰⁵¹⁴²	21E2	<i>ds</i>	CG17941	P element insertion	N.D.
<i>lwr</i> ¹⁰⁵⁴⁸⁶	21E2	<i>lwr</i>	CG3018	hypomorph	N.D.
<i>Gsc</i> ⁰⁵⁵⁴¹	21E2	<i>Gsc</i>	CG2851	P element insertion	N.D.
<i>Nle</i> ^{k13714} , <i>CG2807</i> ^{k13714}	21E2	<i>Nle</i> , <i>CG2807</i>	CG2863, CG2807	P element insertion	N.D.
<i>Hsp60</i> ^{B06619}	21E2	<i>Hsp60B</i>	CG2830	P element insertion	N.D.
<i>drongo</i> ^{BG01320}	21E2	<i>drongo</i>	CG3365	P element insertion	N.D.
<i>dock</i> ⁰⁴⁷²³	21E2	<i>dock</i>	CG3727	P element insertion	N.D.
<i>dock</i> ^{k13421}	21E2	<i>dock</i>	CG3727	P element insertion	N.D.
<i>dbe</i> ^{k05428}	21E2	<i>dbe</i>	CG4258	P element insertion	N.D.
<i>dbe</i> ^{BG01742}	21E2	<i>dbe</i>	CG4258	P element insertion	Strong suppression*
<i>S</i> ^{S109530}	21E4	<i>S</i>	CG4385	P element insertion	Enhancement
<i>capt</i> ⁰⁶⁹⁵⁵	21F1	<i>capt</i>	CG33979	P element insertion	N.D.
<i>capt</i> ⁰⁰¹²¹⁷	21F1	<i>capt</i>	CG33979	P element insertion	N.D.
<i>capt</i> ⁰⁰¹²¹⁷ , <i>Tango14</i> ⁰⁰⁰⁶¹⁹	21F1	<i>capt</i> , <i>Tango14</i>	CG33979, CG4775	P element insertion	N.D.
<i>l(2)10685</i> ¹⁰⁶⁸⁵	21F1	<i>l(2)10685</i>	CG4749	P element insertion	N.D.
<i>l(2)10685</i> ⁰⁵⁸¹⁰	21F1-2			P element insertion	Suppression
Df(2L)cl-h3	25D2-25D4; 26B2-26B5			Deficiency	Suppression
<i>tkv</i> ^{k16713}	25D1	<i>tkv</i>	CG14026	hypomorph	N.D.
<i>Lam</i> ⁰⁴⁶⁴³	25E6	<i>Lam</i>	CG6944	Loss of function	N.D.
<i>P{GT1}BG01837</i>	25E6	<i>CG14017</i>	CG14017	P element insertion	N.D.
<i>CG917</i> ^{BG02425}	25F5	<i>CG9171</i>	CG9171	P element insertion	N.D.
<i>chic</i> ¹¹	26A5-26B2	<i>chic</i>	CG9553	P element insertion	N.D.
<i>chic</i> ^{k13321}	26A6	<i>chic</i>	CG9553	P element insertion	N.D.
<i>lid</i> ¹⁰⁶⁸⁰¹	26B2	<i>lid</i>	CG9088	P element insertion	Mild suppression
<i>lid</i> ¹⁰⁴²⁴	26B2	<i>lid</i>	CG9088	P element insertion	N.D.
<i>eIF-4a</i> ⁰¹¹⁵⁰¹	26B2	<i>eIF-4a</i>	CG9075	P element insertion	Suppression
<i>eIF-4a</i> ⁰¹²⁴³⁹	26B2	<i>eIF-4a</i>	CG9075	P element insertion	Strong suppression
<i>ifc</i> ⁴	26B2	<i>ifc</i>	CG9078	P element insertion	N.D.
<i>l(2)k06107</i> ⁰⁶¹⁰⁷	26D1-26D2	<i>l(2)k06107</i>		P element insertion	Enhancement
Df(2L)Prl	32F1-32F3; 33F1-33F2			Deficiency	Enhancement
<i>salm</i> ⁰³⁶⁰²	32F2	<i>salm</i>	CG6464	hypomorph	N.D.
<i>CG31705</i> ^{BG01777}	32F2	<i>CG31705</i>	CG31705	P element insertion	N.D.
<i>P{GT1}BG00617</i>	32F3			P element insertion	N.D.
<i>crol</i> ⁰⁴⁴¹⁸	33A1	<i>crol</i>	CG14938	P element insertion	N.D.
<i>crol</i> ⁰⁵²⁰⁵	33A1-33A2	<i>crol</i>	CG14938	P element insertion	Mild suppression
<i>l(2)08307a</i> ^{08307a}	33A3-33A7	<i>l(2)08307a</i>		P element insertion	N.D.
<i>P{GT1}BG00011</i>	33B2			P element insertion	N.D.
<i>P{GT1}BG01539</i>	33B7	<i>Rh5</i>	CG5279	P element insertion	N.D.
<i>l(2)01810</i> ⁰¹⁸¹⁰	33B9	<i>l(2)01810</i>	CG5304	P element insertion	N.D.
<i>Aats-thr</i> ⁰⁴²⁰³	33C4	<i>Aats-thr</i>	CG5353	P element insertion	N.D.
<i>Rab6</i> ⁰⁸³²³	33C4	<i>Rab6</i>	CG6601	P element insertion	N.D.
<i>aret</i> ⁰¹²⁸⁴ , <i>CG31759</i> ⁰¹²⁸⁴	33D3	<i>aret</i> , <i>CG31759</i>	CG31762, CG31759	P element insertion	N.D.
<i>aret</i> ^{BG00614}	33D4	<i>aret</i>	CG31762	P element insertion	N.D.
<i>Elf</i> ⁰⁶⁹⁰⁹	33E4	<i>Elf</i>	CG6382	P element insertion	N.D.
<i>bun</i> ⁰⁰²⁵⁵	33E5-33E9	<i>bun</i>	CG42281	P element insertion	N.D.
<i>bun</i> ^{BG01623}	33E7-33E9	<i>bun</i>	CG42281	P element insertion	Mild suppression*
<i>l(2)k05448</i> ⁰⁵⁴⁴⁸	33F3	<i>CG5776</i> , <i>spict</i>	CG5776, CG12292	P element insertion	Suppression
<i>rk</i> ^{11P}	34E6	<i>rk</i>	CG8930	P element insertion	N.D.
<i>nimC3</i> ⁰⁰⁰⁸¹¹	34F1	<i>nimC3</i>	CG16880	P element insertion	N.D.
<i>P{GT1}BG02182</i>	35A2	<i>smi35A</i>	CG4551	P element insertion	N.D.
<i>wb</i> ⁰⁹⁴³⁷	35A3-35A4	<i>wb</i>	CG15288	P element insertion	N.D.
<i>wb</i> ^{BG02232}	35A3	<i>wb</i> , <i>CG32971</i>	CG15288, CG32971	P element insertion	N.D.
<i>Rab14</i> ^{BG01134}	35A4	<i>Rab14</i>	CG4212	P element insertion	N.D.
<i>Adh</i> ^{BG01049} , <i>Adhr</i> ^{BG01049}	35B3	<i>Adh</i> , <i>Adhr</i>	CG3481, CG3484	P element insertion	N.D.
<i>osp</i> ²⁵⁷¹	35B4	<i>osp</i>	CG3479	P element insertion	N.D.
<i>l(2)35Bc</i> ¹⁰⁸⁸⁰⁸	35B6-35B10	<i>l(2)35Bc</i>		P element insertion	N.D.
<i>mol</i> ^{k115246}	35B8	<i>mol</i>	CG4482	P element insertion	N.D.
<i>Su(H)</i> ⁰⁷⁹⁰⁴	35B8	<i>Su(H)</i>	CG3497	P element insertion	N.D.
<i>Su(H)</i> ¹²⁸	35B8	<i>Su(H)</i>	CG3497	P element insertion	N.D.
<i>l(2)35Bg</i> ^{k10011}	35B8	<i>l(2)35Bg</i>	CG4180	P element insertion	N.D.
<i>l(2)35Bd</i> ¹¹⁰⁴⁰⁸	35B8	<i>l(2)35Bd</i>	CG3688	P element insertion	N.D.

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<i>ck</i> ⁰⁷¹³⁰	35B9	<i>ck</i>	CG7595	P element insertion	N.D.
<i>CG15269</i> ⁰⁵⁴⁴¹ , <i>stc</i> ⁰⁵⁴⁴¹	35C2	<i>CG15269, stc</i>	CG15269, CG3647	Loss of function	N.D.
<i>Df(2L)TW116(R)GW2</i>	35D1; 35D4			Deficiency	Suppression
<i>gft</i> ⁰⁶⁴³⁰	35D1	<i>gft</i>	CG11861	Loss of function	Mild suppression
<i>ms(2)35C1</i> ⁰²³¹⁶	35D1	<i>ms(2)35Ci</i>	CG31733	P element insertion	N.D.
<i>P{lacW}k09017</i>	35D1-35D2			P element insertion	N.D.
<i>Df(2L)TW116(R)GW13</i>	35D2; 35F1-2			Deficiency	Suppression
<i>Df(2L)b83d29a</i>	35D2-35D4; 35E2-35E6			Deficiency	Enhancement
<i>lace</i> ⁰⁵⁵⁸⁵	35D2	<i>lace</i>	CG4162	P element insertion	Mild suppression
<i>esg</i> ^{R7-2.22}	35D2	<i>esg</i>	CG3758	P element insertion	N.D.
<i>esg</i> ⁰⁹⁰⁶⁶	35D2	<i>esg</i>	CG3758	P element insertion	N.D.
<i>CycE</i> ⁰⁵²⁰⁶	35D4	<i>CycE</i>	CG3938	hypomorph	N.D.
<i>CycE</i> ⁰⁰⁵⁰⁰⁷	35D4	<i>CycE</i>	CG3938	hypomorph	N.D.
<i>l(2)35Di</i> ^{BG02008}	35D4	<i>l(2)35Di</i>	CG13240	P element insertion	N.D.
<i>l(2)35Df</i>	35D4	<i>l(2)35Df</i>	CG4152	P element insertion	N.D.
<i>P{ArB}A507.2M2</i>	35D-35E			P element insertion	N.D.
<i>P{GT1}BG01884</i>	35E1			P element insertion	N.D.
<i>P{lacW}J29</i>	35E1-35E2			P element insertion	Suppression
<i>BicC</i> ^{BG00092}	35E2	<i>BicC</i>	CG4824	P element insertion	Suppression*
<i>Df(2L)H20</i>	36A8-36A9; 36E1-36E2			Deficiency	Enhancement
<i>grp</i> ⁰⁶⁰³⁴	36A10	<i>grp</i>	CG17161	P element insertion	N.D.
<i>P{lacW}k15102</i> ^{k15102}	36A10			P element insertion	N.D.
<i>Cyt-c-d</i> ⁰⁶¹	36A11	<i>Cyt-c-d</i>	CG13263	Loss of function	Strong suppression
<i>l(2)k13905</i> ^{k13905}	36A11	<i>l(2)k13905</i>		P element insertion	N.D.
<i>glu</i> ⁰⁰⁸¹⁹	36A13	<i>glu</i>	CG11397	Loss of function	N.D.
<i>Mhc</i> ⁰¹⁰⁴²³	36B1	<i>Mhc</i>	CG17927	P element insertion	N.D.
<i>Cas</i> ⁰⁰³⁹⁰² , <i>mdy</i> ⁰⁰³⁹⁰²	36B2	<i>Cas, mdy</i>	CG13281, CG31991	amorph	N.D.
<i>P{GT1}BG02607</i>	36B3	<i>CG6115</i>	CG6115	P element insertion	N.D.
<i>dl</i> ⁰¹⁰⁸¹⁶	36C9	<i>dl</i>	CG6667	P element insertion	N.D.
<i>Aac1</i> ⁰⁰⁶⁷¹⁰	36C9	<i>Aac1</i>	CG6582	P element insertion	N.D.
<i>P{GT1}BG01221</i>	36D3			P element insertion	N.D.
<i>CadN2</i> ^{BG02611a}	36D3	<i>CadN2</i>	CG7527	P element insertion	N.D.
<i>Df(2L)TW50</i>	36E4-36F1; 38A6-38A7			Deficiency	Enhancement
<i>RpS26</i> ⁰⁴⁵⁵³	36F4	<i>RpS26</i>	CG10305	P element insertion	Suppression
<i>Df(2L)pr-A16</i>	37B2-37B12; 38D2-38D5			Deficiency	Enhancement
<i>Df(2L)VA12</i>	37C2-37C5; 38B2-38C1			Deficiency	Enhancement
<i>Df(2L)Sd77</i>	37D1-37D2; 38C1-38C2			Deficiency	Enhancement
<i>biv</i> ^{BG01771}	36E3	<i>biv</i>	CG15148	P element insertion	N.D.
<i>Fas3</i> ^{007109b}	36E3-36E4	<i>Fas3</i>	CG5803	P element insertion	N.D.
<i>Fas3</i> ^{A183.1F2}	36F2	<i>Fas3</i>	CG5803	amorph	N.D.
<i>l(2)37Db</i> ⁰¹⁶¹⁰⁶	37B8	<i>l(2)37Db</i>		P element insertion	N.D.
<i>l(2)37Ad</i> ^{02660b}	37B8-37B9	<i>l(2)37Ad</i>		P element insertion	N.D.
<i>RpL30</i> ⁰⁰⁹⁹¹⁸	37B9	<i>RpL30</i>	CG10652	P element insertion	N.D.
<i>RpL30</i> ⁰¹²⁶⁵	37B9	<i>RpL30</i>	CG10652	P element insertion	N.D.
<i>RpL30</i> ⁰⁰³³⁰⁸	37B9	<i>RpL30</i>	CG10652	P element insertion	N.D.
<i>Catsup</i> ⁰⁰⁵⁴²⁴	37B11	<i>Catsup</i>	CG10449	P element insertion	N.D.
<i>l(2)37Co</i> ¹	37C	<i>l(2)37Co</i>		P element insertion	N.D.
<i>brat</i> ^{BG02721}	37C1	<i>brat, l(2)37Cg</i>	CG10719, CG10685	P element insertion	N.D.
<i>l(2)37Cb</i> ^{BG01776}	37C1	<i>l(2)37Cb</i>	CG10689	P element insertion	N.D.
<i>Ddc</i> ⁰⁰²¹⁰⁴	37C1	<i>Ddc</i>	CG10697	P element insertion	N.D.
<i>brat</i> ⁰⁰⁶⁰²⁸	37C5	<i>brat</i>	CG10719	P element insertion	N.D.
<i>pigeon</i> ^{P1}	37C7	<i>pigeon</i>	CG10739	P element insertion	Enhancement
<i>BG01228</i> ^{BG01228}	37D1			P element insertion	N.D.
<i>spt</i> ⁰³⁵⁴⁷	37F2	<i>spt</i>	CG10334	P element insertion	N.D.
<i>s(2)neo1^l</i>	38A	<i>fs(2)neo11</i>		P element insertion	N.D.
<i>l(2)k10239</i> ⁰¹⁰²³⁹	38A7	<i>sick</i>	CG34343	P element insertion	N.D.
<i>barr</i> ⁰¹⁴⁰¹⁴	38B2	<i>barr</i>	CG10726	P element insertion	N.D.
<i>neb</i> ⁰⁰⁵⁵²	38B4	<i>fok, neb</i>	CG10746, CG10718	P element insertion	N.D.
<i>neb</i> ⁰⁰⁵⁷⁰²	38B4	<i>neb</i>	CG10718	Loss of function	N.D.
<i>neb</i> ^{BG02300}	38B4	<i>neb</i>	CG10718	P element insertion	N.D.
<i>P{lacW}k13108b</i>	38C1-38C2			P element insertion	N.D.
<i>l(2)k07219</i> ⁰⁰⁷²¹⁹	38C5	<i>CG16798</i>	CG16798	P element insertion	Suppression
<i>P{GT1}BG02333</i>	38D1			P element insertion	N.D.
<i>P{lacW}k02501</i>	38D1			P element insertion	N.D.
<i>CG2611</i> ^{BG00938}	38D2	<i>CG2611</i>	CG2611	P element insertion	N.D.
<i>Df(2R)M41A4</i>	41A			Deficiency	Enhancement
<i>P{wAR}41A</i>	41A			P element insertion	N.D.
<i>l(2)k0801</i> ⁰⁰⁸⁰¹¹	42D6	<i>l(2)k08011</i>		P element insertion	N.D.
<i>Df(2R)enX31</i>	48A1; 48B5			Deficiency	Enhancement
<i>en</i> ^{Xho25}	47F17-48A1	<i>en</i>	CG9015	P element insertion	N.D.

<i>Allele(s) tested</i>	Cytological location	<i>gene</i>	CG number	Type of allele	Effect on rough eye phenotype
<i>rack</i> ^{K15001}	48A	<i>rack</i>		P element insertion	N.D.
<i>Egm</i> ^{K14708}	48A3	<i>Egm</i>	CG9006	Loss of function	N.D.
<i>CG9005</i> ^{BG02278}	48A4	<i>CG9005</i>	CG9005	P element insertion	N.D.
<i>Df(2R)PC4</i>	55A; 55F			Deficiency	Suppression
<i>hall</i> ^l	55A1-55F3	<i>hall</i>		P element insertion	N.D.
<i>stau</i> ⁹⁹	55B7	<i>stau</i>	CG5753	Loss of function	Mild suppression
<i>Hsf</i> ^{#3091}	55B8	<i>Hsf</i>	CG5748	Loss of function	Suppression
<i>Pcl</i> ¹⁸⁵⁹	55B8	<i>Pcl</i>	CG5109	P element insertion	N.D.
<i>pAbp</i> ^{K10109}	55B8	<i>pAbp</i>	CG5119	P element insertion	N.D.
<i>lola</i> ^{B02512}	55B9	<i>lola</i>	CG5738	hypomorph	N.D.
<i>Dgp-1</i> ^{BG00396}	55B11	<i>Dgp-1</i>	CG5729	P element insertion	N.D.
<i>fj</i> ⁹¹¹	55C1	<i>fj</i>	CG10917	P element insertion	N.D.
<i>sbb</i> ^{H440}	55C2	<i>sbb</i>	CG5580	P element insertion	N.D.
<i>sbb</i> ^{BG01610}	55C2	<i>sbb</i>	CG5580	P element insertion	N.D.
<i>P{GT1}BG02858</i>	55C6	<i>GstE1</i>	CG5164	P element insertion	N.D.
<i>Dp1</i> ^{BG01405b} , <i>imd</i> ^{BG01405b}	55C8	<i>Dp1, imd</i>	CG5170, CG5576	P element insertion	N.D.
<i>Dp1</i> ^{BG02288} , <i>imd</i> ^{BG02288}	55C8	<i>Dp1, imd</i>	CG5170, CG5576	P element insertion	N.D.
<i>l(2)08770</i> ^{B08770}	55C9	<i>CG30118, slim</i>	CG30118, CG5186	P element insertion	N.D.
<i>l(2)08770</i> ^{B04808}	55C9	<i>CG30118, slim</i>	CG30118, CG5186	P element insertion	N.D.
<i>l(2)55Db</i> ⁴²⁵⁻¹	55D	<i>l(2)55Db</i>		P element insertion	N.D.
<i>Prp19</i> ^{B07888}	55D1-55D2	<i>Prp19</i>		P element insertion	N.D.
<i>P{GT1}BG02569</i>	55D3	<i>Pepck</i>	CG17725	P element insertion	N.D.
<i>Pepck</i> ^{BG02569}	55D3	<i>Pepck</i>	CG17725	P element insertion	Suppression*
<i>l(2)ry51</i> ¹	55E	<i>l(2)ry51</i>		P element insertion	N.D.
<i>edl</i> ^{B06602}	55E6	<i>edl</i>	CG15085	Loss of function	N.D.
<i>fs(2)ry12</i> ¹	55F	<i>fs(2)ry12</i>		P element insertion	N.D.
<i>l(2)08717</i> ^{B08717}	55F4	<i>l(2)08717</i>	CG15095	P element insertion	Suppression
<i>P{GT1}BG00842</i>	55F4			P element insertion	N.D.
<i>l(2)03709</i> ^{B03709}	55F5	<i>l(2)03709</i>		P element insertion	N.D.
<i>Df(2R)Pu-D17</i>	57B4; 58B			Deficiency	Enhancement
<i>l(2)07806</i> ^{B07806}	57B5	<i>CG34115, CG15649</i>	CG34115, CG15649	P element insertion	N.D.
<i>l(2)07206</i> ^{B07206}	57B13-57B14	<i>l(2)07206</i>		P element insertion	N.D.
<i>P{GT1}BG00201</i>	57B5			P element insertion	N.D.
<i>l(2)03050</i> ^{B03050}	57B12	<i>CG9350</i>	CG9350	P element insertion	Suppression
<i>shg</i> ^{B03401}	57B16	<i>shg</i>	CG3722	Loss of function	N.D.
<i>P{GT1}BG02636</i>	57B14			P element insertion	N.D.
<i>Xbp1</i> ^{K13803}	57C3	<i>Xbp1</i>	G9415	P element insertion	Suppression
<i>dom</i> ^{B08108}	57D11	<i>dom</i>	CG9696	P element insertion	N.D.
<i>tmx</i> ¹	57E1	<i>cv-2</i>	CG15671	P element insertion	N.D.
<i>Sdc</i> ^{B0608}	57E5	<i>Sdc</i>	CG10497	P element insertion	N.D.
<i>Sdc</i> ^{K10215}	57E1-57E6	<i>Sdc</i>	CG10497	P element insertion	N.D.
<i>Fkbp1</i> ^{B00734}	57E6	<i>Fkbp13</i>	CG9847	P element insertion	N.D.
<i>CG10496</i> ^{B07128a}	57E8	<i>CG10496</i>	CG10496	P element insertion	Suppression
<i>l(2)k10317</i> ^{B10317}	57E8	<i>MESK2, CG10496</i>	CG15669, CG10496	P element insertion	N.D.
<i>MESK2</i> ^{B00119}	57E8-57E9	<i>MESK2</i>	CG15669	P element insertion	Suppression
<i>MESK2</i> ^{B01467}	57E8-57E9	<i>MESK2</i>	CG15669	P element insertion	N.D.
<i>Egfr</i> ^{B05115}	57E9-57F1	<i>Egfr</i>	CG10079	P element insertion	N.D.
<i>l(2)03605</i> ^{B03605}	57F10	<i>LBR, Tangol1</i>	CG17952, CG30404	P element insertion	N.D.
<i>HmgD</i> ^{BG01432}	57F10	<i>HmgD</i>	CG17950	P element insertion	N.D.
<i>P{GT1}BG00593</i>	58A3	<i>Fili</i>	CG34368	P element insertion	N.D.
<i>l(2)07837</i> ^{B07837}	58A3	<i>Fili, PpN58A</i>	CG34368, CG3245	P element insertion	N.D.

<i>Allele(s) tested</i>	Cytological location	<i>gene</i>	CG number	Type of allele	Effect on Rough eye Phenotype
<i>rack</i> ¹³⁵⁰⁰¹	48A	<i>rack</i>		P element insertion	N.D.
<i>Egm</i> ¹⁴⁷⁰⁸	48A3	<i>Egm</i>	CG9006	Loss of function	N.D.
<i>CG9005</i> ^{BG02278}	48A4	<i>CG9005</i>	CG9005	P element insertion	N.D.
Df(2R)PC4	55A; 55F			Deficiency	Suppression
<i>hall</i> ¹	55A1-55F3	<i>hall</i>		P element insertion	N.D.
<i>stat</i> ⁷⁵⁹	55B7	<i>stau</i>	CG5753	Loss of function	Mild suppression
<i>Hsf</i> ^{B03091}	55B8	<i>Hsf</i>	CG5748	Loss of function	Suppression
<i>Pcl</i> ¹⁸⁵⁹	55B8	<i>Pcl</i>	CG5109	P element insertion	N.D.
<i>pAbp</i> ¹⁰¹⁰⁹	55B8	<i>pAbp</i>	CG5119	P element insertion	N.D.
<i>lolal</i> ¹⁰²⁵¹²	55B9	<i>lolal</i>	CG5738	hypomorph	N.D.
<i>Dgp-1</i> ^{BG00396}	55B11	<i>Dgp-1</i>	CG5729	P element insertion	N.D.
<i>fj</i> ¹¹	55C1	<i>fj</i>	CG10917	P element insertion	N.D.
<i>sbb</i> ¹⁴⁴⁴⁰	55C2	<i>sbb</i>	CG5580	P element insertion	N.D.
<i>sbb</i> ^{BG01610}	55C2	<i>sbb</i>	CG5580	P element insertion	N.D.
<i>P{GT1}BG02858</i>	55C6	<i>GstE1</i>	CG5164	P element insertion	N.D.
<i>Dp1</i> ^{BG01405b} , <i>imd</i> ^{BG01405b}	55C8	<i>Dp1, imd</i>	CG5170, CG5576	P element insertion	N.D.
<i>Dp1</i> ^{BG02288} , <i>imd</i> ^{BG02288}	55C8	<i>Dp1, imd</i>	CG5170, CG5576	P element insertion	N.D.
<i>l(2)08770</i> ⁰⁸⁷⁷⁰	55C9	<i>CG30118, slim</i>	CG30118, CG5186	P element insertion	N.D.
<i>l(2)08770</i> ⁰⁴⁸⁰⁸	55C9	<i>CG30118, slim</i>	CG30118, CG5186	P element insertion	N.D.
<i>l(2)55Db</i> ⁴²⁵⁻¹	55D	<i>l(2)55Db</i>		P element insertion	N.D.
<i>Prp19</i> ⁰⁷⁸³⁸	55D1-55D2	<i>Prp19</i>		P element insertion	N.D.
<i>P{GT1}BG02569</i>	55D3	<i>Pepck</i>	CG17725	P element insertion	N.D.
<i>Pepck</i> ^{BG02569}	55D3	<i>Pepck</i>	CG17725	P element insertion	Suppression*
<i>l(2)ry51</i> ¹	55E	<i>l(2)ry51</i>		P element insertion	N.D.
<i>edl</i> ^{B06602}	55E6	<i>edl</i>	CG15085	Loss of function	N.D.
<i>fs(2)ry12</i> ¹	55F	<i>fs(2)ry12</i>		P element insertion	N.D.
<i>l(2)08717</i> ⁰⁸⁷¹⁷	55F4	<i>l(2)08717</i>	CG15095	P element insertion	Suppression
<i>P{GT1}BG00842</i>	55F4			P element insertion	N.D.
<i>l(2)03709</i> ⁰³⁷⁰⁹	55F5	<i>l(2)03709</i>		P element insertion	N.D.
Df(2R)Pu-D17	57B4; 58B			Deficiency	Enhancement
<i>l(2)07806</i> ⁰⁷⁸⁰⁶	57B5	<i>CG34115, CG15649</i>	CG34115, CG15649	P element insertion	N.D.
<i>l(2)07206</i> ⁰⁷²⁰⁶	57B13-57B14	<i>l(2)07206</i>		P element insertion	N.D.
<i>P{GT1}BG00201</i>	57B5			P element insertion	N.D.
<i>l(2)03050</i> ⁰³⁰⁵⁰	57B12	<i>CG9350</i>	CG9350	P element insertion	Suppression
<i>shg</i> ¹⁰³⁴⁰¹	57B16	<i>shg</i>	CG3722	Loss of function	N.D.
<i>P{GT1}BG02636</i>	57B14			P element insertion	N.D.
<i>Xbp1</i> ¹¹³⁸⁰³	57C3	<i>Xbp1</i>	G9415	P element insertion	Suppression
<i>dom</i> ⁶⁰⁸¹⁰⁸	57D11	<i>dom</i>	CG9696	P element insertion	N.D.
<i>tmx</i> ¹	57E1	<i>cv-2</i>	CG15671	P element insertion	N.D.
<i>Sdc</i> ¹⁰⁶⁰⁸	57E5	<i>Sdc</i>	CG10497	P element insertion	N.D.
<i>Sdc</i> ³¹⁰²¹⁵	57E1-57E6	<i>Sdc</i>	CG10497	P element insertion	N.D.
<i>Fkbp13</i> ¹⁰⁰⁷³⁴	57E6	<i>Fkbp13</i>	CG9847	P element insertion	N.D.
<i>CG10496</i> ^{07128a}	57E8	<i>CG10496</i>	CG10496	P element insertion	Suppression
<i>l(2)k10317</i> ¹⁰³¹⁷	57E8	<i>MESK2, CG10496</i>	CG15669, CG10496	P element insertion	N.D.
<i>MESK2</i> ¹⁰⁰¹¹¹⁹	57E8-57E9	<i>MESK2</i>	CG15669	P element insertion	Suppression
<i>MESK2</i> ¹⁰¹⁴⁶⁷	57E8-57E9	<i>MESK2</i>	CG15669	P element insertion	N.D.
<i>Egfr</i> ¹⁰⁵¹¹⁵	57E9-57F1	<i>Egfr</i>	CG10079	P element insertion	N.D.
<i>l(2)03605</i> ⁰³⁶⁰⁵	57F10	<i>LBR, Tango11</i>	CG17952, CG30404	P element insertion	N.D.
<i>HmgD</i> ^{BG01432}	57F10	<i>HmgD</i>	CG17950	P element insertion	N.D.
<i>P{GT1}BG00593</i>	58A3	<i>Fili</i>	CG34368	P element insertion	N.D.
<i>l(2)07837</i> ⁰⁷⁸³⁷	58A3	<i>Fili, PpN58A</i>	CG34368, CG3245	P element insertion	N.D.

*P element insertion lines carrying GAL4 or UAS.