

TABLE S2
Overview of the transgenic tiling path^a

Stock	Clone	Start	End	Length	Rescue	No rescue	Stocks used for rescue tests (*-failed to rescue)
					armX		
Dp(1;3)DC002	CH321-08O02	60,231	150,400	90,169			
Dp(1;3)DC003 ^b	CH321-12B18	134,118	175,139	41,021	<i>ewg, cin</i>		4750; 11838
Dp(1;3)DC004	CH321-46A16	145,350	226,345	80,995	<i>ewg</i>	<i>cin</i>	4750; 11838
Dp(1;2)DC005	CH321-33H12	167,730	250,751	83,021			
Dp(1;3)DC006	CH321-32O15	222,186	301,176	78,990	<i>ac, sc</i>		4181; 176; 109
Dp(1;3)DC007	CH321-34A23	314,142	389,387	75,245	<i>Exp6</i>		4626
Dp(1;3)DC008	CH321-35G14	369,870	466,995	97,125			
Dp(1;3)DC009	CH321-46B03	438,474	535,364	96,890	<i>RpL36</i>		12266
Dp(1;3)DC010	CH321-04A18	493,728	599,328	105,600	<i>skpA, RpL36</i>		9265; 12266
Dp(1;3)DC011	CH321-11D11	497,212	537,601	40,389	<i>RpL36</i>		12266
Dp(1;3)DC012	CH321-32G05	612,646	707,231	94,585	<i>Rbf</i>		7435
Dp(1;3)DC013	CH321-47B04	669,926	775,592	105,666			
Dp(1;3)DC014	CH321-01A23	726,693	833,816	107,123			

Dp(1;3)DC019	CH321-08A12	914,195	1,028,609	114,414		
Dp(1;3)DC021	CH321-01K02	1,023,151	1,109,082	85,931		
Dp(1;3)DC022	CH321-29G13	1,097,334	1,173,061	75,727		
Dp(1;3)DC023	CH321-43I21	1,109,494	1,196,451	86,957		
Dp(1;3)DC025	CH321-08B18	1,177,422	1,271,517	94,095		
Dp(1;3)DC026	CH321-05G06	6,532,660	6,624,509	91,849		
Dp(1;3)DC029	CH321-35P01	1,534,564	1,625,783	91,219	<i>dor</i>	751; 35; 172; 761; 28*
Dp(1;3)DC030	CH321-02D20	1,587,716	1,691,991	104,275	<i>l(1)G0284</i>	11841
Dp(1;3)DC031	CH321-35B07	1,660,248	1,748,051	87,803		
Dp(1;3)DC033	CH321-17O06	1,744,378	1,787,142	42,764	<i>l(1)G0355</i>	11903
Dp(1;3)DC034	CH321-22J19	1,766,173	1,856,709	90,536	<i>l(1)G0355, arm</i>	8554; 8558; 3378*; 8557*; 9920
Dp(1;3)DC037	CH321-24E10	1,920,684	2,010,437	89,753	<i>Unc-76, usp, csw</i>	11701; 4660; 23874; 23873; 11843; 23875; 23876
Dp(1;3)DC038	CH321-04O23	1,985,917	2,071,410	85,493		
Dp(1;3)DC039	CH321-43N04	2,046,673	2,157,618	110,945	<i>cm, pn</i>	81; 174; 4292; 4592
Dp(1;3)DC045	CH321-25N08	2,388,337	2,495,693	107,356	<i>wds, egh</i>	3902; 11849; 3901*
Dp(1;3)DC046	CH321-25I09	2,425,091	2,520,841	95,750		
Dp(1;3)DC048	CH321-34G02	2,515,988	2,597,663	81,675		

Dp(1;3)DC050	CH321-23A22	2,644,611	2,738,512	93,901	<i>w</i>	derived from 5905; 5906
Dp(1;3)DC051	CH321-06D10	2,701,413	2,803,565	102,152		
Dp(1;3)DC052	CH321-04A01	2,778,344	2,881,506	103,162	<i>rst</i>	11530*
Dp(1;3)DC055	CH321-05D08	2,880,153	2,968,483	88,330		
Dp(1;3)DC056	CH321-05I04	3,037,949	3,137,899	99,950		
Dp(1;3)DC059	CH321-43P01	3,212,988	3,294,517	81,529		
Dp(1;3)DC060	CH321-42E18	3,241,349	3,331,682	90,333	<i>dm</i>	11935
Dp(1;3)DC061	CH321-29O06	3,312,416	3,353,480	41,064		
Dp(1;3)DC062	CH321-02B21	3,317,659	3,400,222	82,563		
Dp(1;3)DC063	CH321-35F23	3,357,858	3,439,092	81,234		
Dp(1;3)DC065	CH321-13B05	3,466,194	3,563,061	96,867		
Dp(1;3)DC067	CH321-32O23	3,668,064	3,776,288	108,224	<i>ec</i>	32
Dp(1;3)DC068	CH321-33A07	3,741,943	3,828,092	86,149	<i>VhaAC39</i>	14394
Dp(1;3)DC069	CH321-12D01	3,804,538	3,902,937	98,399		
Dp(1;3)DC070	CH321-21C12	3,882,916	3,984,186	101,270		
Dp(1;3)DC075	CH321-03I04	4,034,907	4,142,206	107,299		
Dp(1;3)DC076	CH321-01I21	4,114,546	4,195,139	80,593		

Dp(1;3)DC081	CH321-29F10	4,355,244	4,438,772	83,528	<i>CHOp24</i>	<i>rb</i>	18269; 88*
Dp(1;3)DC083	CH321-09J10	20,303,191	20,391,246	88,055			
Dp(1;3)DC085	CH321-12L02	20,433,537	20,525,130	91,593			
Dp(1;3)DC087	CH321-01B20	20,552,194	20,636,961	84,767	<i>run</i>		4497; 8128*; 4497*
Dp(1;3)DC088	CH321-25A14	20,577,938	20,662,305	84,367			
Dp(1;3)DC090	CH321-27E22	20,634,551	20,723,263	88,712	<i>shakB</i>		8132; 7478; 4769
Dp(1;3)DC092	CH321-05L19	20,692,920	20,776,945	84,025		<i>l(1)19Ec</i>	5739
Dp(1;3)DC095	CH321-09L05	20,867,594	20,951,725	84,131			
Dp(1;3)DC096	CH321-23M15	20,923,536	20,998,501	74,965	<i>unc</i>		7424; 4729* (4729; 18722; 8131)
Dp(1;3)DC097	CH321-82N07	282,379	366,982	84,603			
Dp(1;3)DC098	CH321-65F04	335,132	423,211	88,079			
Dp(1;3)DC099	CH321-72J11	592,690	686,551	93,861			
Dp(1;3)DC100	CH321-82L03	872,902	964,280	91,378			
Dp(1;3)DC101	CH321-77N16	953,467	1,047,109	93,642			
Dp(1;3)DC102	CH321-61O10	1,252,086	1,343,846	91,760			
Dp(1;3)DC103	CH321-23J17	1,417,499	1,517,006	99,507			
Dp(1;3)DC104	CH321-90H13	1,504,109	1,572,698	68,589	<i>dor</i>		751; 35; 172; 761; 28*

Dp(1;3)DC105	CH322-139B14	1,736,329	1,757,307	20,978		
Dp(1;3)DC106	CH322-76B11	1,901,106	1,925,089	23,983	<i>east</i>	15791; 12282*
Dp(1;3)DC107	CH321-66F10	2,236,075	2,318,716	82,641		
Dp(1;3)DC108	CH321-65P11	2,837,514	2,919,144	81,630		<i>rst</i> 11530
Dp(1;3)DC109	CH321-91P23	2,977,133	3,070,022	92,889	<i>N</i>	45; 118; 1715; 2209
Dp(1;3)DC111	CH321-65C18	3,385,304	3,484,547	99,243		
Dp(1;3)DC112	CH321-81P24	3,562,423	3,654,479	92,056		
Dp(1;3)DC113	CH322-176L18	3,647,310	3,668,498	21,188		
Dp(1;3)DC114	CH321-85H19	3,948,016	4,047,233	99,217	<i>bm</i>	4303; 7392
Dp(1;3)DC115	CH321-83B10	4,014,365	4,104,331	89,966		
Dp(1;3)DC116	CH321-78B16	4,289,931	4,382,150	92,219		
Dp(1;3)DC118	CH321-16O02	4,430,046	4,519,931	89,885		
Dp(1;3)DC120	CH321-61L05	4,555,057	4,642,455	87,398	<i>rap, ctp</i>	12241; 12297; 11851; 11852; 11988; 11999; 12024; 12228; 11847; 11960*
Dp(1;3)DC122	CH321-49O15	4,665,773	4,753,894	88,121		
Dp(1;3)DC123	CH321-26F06	4,727,954	4,822,463	94,509		
Dp(1;3)DC124	CH321-56M21	4,801,159	4,891,952	90,793		

Dp(1;3)DC125	CH321-92O22	4,856,881	4,940,800	83,919		
Dp(1;3)DC126	CH321-22I01	4,883,716	4,972,748	89,032	<i>ovo</i>	816; 1309; 1318; 1326
Dp(1;3)DC127	CH321-68D03	4,959,088	5,044,400	85,312		
Dp(1;3)DC128	CH321-25A13	5,020,037	5,119,944	99,907		
Dp(1;3)DC129	CH321-76E09	5,099,430	5,197,901	98,471		
Dp(1;3)DC130	CH321-70G03	5,142,967	5,231,853	88,886		
Dp(1;3)DC131	CH321-60D21	11,810,379	11,887,528	77,149	<i>cac</i>	
Dp(1;3)DC132	CH321-77E01	14,830,471	14,927,542	97,071	<i>eag</i>	3561; 24184; 15038; 1442
Dp(1;3)DC133	CH321-71G22	15,747,740	15,818,253	70,513		
Dp(1;3)DC134	CH321-18K02	16,333,304	16,431,557	98,253	<i>CG4420, Rbp2, para</i>	23296; 1572
Dp(1;3)DC135	CH321-57O14	19,194,810	19,271,815	77,005		
Dp(1;3)DC136	CH321-83J08	5,198,863	5,297,858	98,995		
Dp(1;3)DC137	CH321-76C13	5,271,438	5,354,974	83,536		
Dp(1;3)DC138	CH321-10E01	5,325,461	5,415,296	89,812		
Dp(1;3)DC139	CH321-68H20	5,380,567	5,475,047	94,480		
Dp(1;3)DC140	CH321-94A13	5,434,183	5,522,071	87,888		
Dp(1;3)DC141	CH321-50H16	5,490,901	5,585,731	94,830		

Dp(1;3)DC142	CH321-62K01	5,536,879	5,612,724	75,845		
Dp(1;3)DC143	CH321-73A03	5,584,067	5,678,015	93,948		<i>l(1)G0060</i> 11653*
Dp(1;3)DC144	CH321-71J21	5,643,521	5,741,564	98,043		
Dp(1;3)DC145	CH321-04D19	5,703,819	5,797,720	93,901		
Dp(1;3)DC146	CH321-64D18	5,766,968	5,846,108	79,140		
Dp(1;3)DC147	CH321-82K03	5,820,079	5,902,948	82,869		
Dp(1;3)DC148	CH321-95F06	5,872,741	5,956,505	83,764		
Dp(1;3)DC149	CH321-84E21	5,906,454	6,008,412	101,958	<i>ruX</i>	95; 1506
Dp(1;3)DC150	CH321-94H17	5,977,741	6,067,162	89,421		
Dp(1;3)DC151	CH321-76C11	6,044,550	6,124,198	79,648		
Dp(1;3)DC152	CH321-17L08	6,093,540	6,187,386	93,846	<i>sqh</i>	17616; 25712*; sqh[1] and sqh[AX3] (gifts from Roger Karess)
Dp(1;3)DC153	CH321-89L07	6,146,819	6,228,749	81,930		
Dp(1;3)DC154	CH321-35K04	6,185,575	6,287,643	102,068		
Dp(1;3)DC155	CH321-25H02	6,220,310	6,308,028	87,718		
Dp(1;3)DC156	CH321-46C02	6,266,152	6,350,688	84,536		
Dp(1;3)DC157	CH321-62P05	6,327,235	6,434,670	107,435		
Dp(1;3)DC158	CH321-50D09	6,413,450	6,486,728	73,278	<i>dx</i>	34

Dp(1;3)DC159	CH321-60B15	6,454,539	6,543,331	88,792		
Dp(1;3)DC160	CH321-26M04	6,484,339	6,575,128	90,789		
Dp(1;3)DC163	CH321-43C13	6,664,445	6,755,177	90,732		
Dp(1;3)DC164	CH321-74P07	6,715,409	6,808,437	93,028		
Dp(1;3)DC165	CH321-52K23	6,782,743	6,868,802	86,059		
Dp(1;3)DC166	CH321-65P16	6,846,820	6,933,749	86,929	<i>cm</i>	21; 22
Dp(1;3)DC169	CH321-76A05	7,002,447	7,092,979	90,532		
Dp(1;3)DC170	CH321-51P18	7,064,576	7,069,996	5,420		
Dp(1;3)DC172	CH321-80M12	7,160,086	7,247,807	87,721	<i>brk</i>	14953
Dp(1;3)DC173	CH321-84M19	7,214,311	7,294,130	79,819		
Dp(1;3)DC174	CH321-80G08	7,271,863	7,357,281	85,418		
Dp(1;3)DC175	CH321-04C07	7,318,567	7,331,072	12,505		
Dp(1;3)DC176	CH321-04E06	7,376,426	7,463,556	87,130		
Dp(1;3)DC177	CH321-72D19	7,431,308	7,525,585	94,277		
Dp(1;3)DC178	CH321-62C02	7,462,269	7,572,029	109,760	<i>ct</i>	22; 1502
Dp(1;3)DC179	CH321-64M20	7,545,875	7,621,317	75,442		
Dp(1;3)DC180	CH321-59L01	7,601,863	7,692,129	90,266	<i>Tom40</i>	11859

Dp(1;3)DC181	CH321-82O06	7,672,898	7,771,287	98,389			
Dp(1;3)DC183	CH321-66A08	7,835,622	7,936,544	100,922			
Dp(1;3)DC184	CH321-60P23	7,903,619	7,984,541	80,922	<i>mys</i>	<i>fs(1)h</i>	23863; 3169; 11862; 11964; 59*; 5285; 5286
Dp(1;3)DC185	CH321-24M24	7,947,324	8,045,669	98,345	<i>mys, Smox, CG2263</i>	<i>fs(1)h</i>	23863; 3169; 11862; 11964; 59*; 5285; 5286; 12246; 26625
Dp(1;3)DC186	CH321-18C02	8,023,740	8,095,848	72,108	<i>Smox</i>		12246
Dp(1;3)DC187	CH321-74I15	8,064,612	8,162,015	97,403	<i>sdt</i>		2181
Dp(1;3)DC188	CH321-40G15	8,113,597	8,193,403	79,806			
Dp(1;3)DC189	CH321-76A18	8,165,424	8,261,236	95,812			
Dp(1;3)DC190	CH321-75D02	8,228,819	8,322,102	93,283	<i>CG10555</i>		18277
Dp(1;3)DC191	CH321-09O19	8,282,577	8,368,218	85,641	<i>CG10555, Tif2</i>		118277; 11739; 12020; 11546; 11865; 11866; 11868; 11927; 11982; 12236; 12250; 12254; 12295; 11917*; 11867*; 11940*
Dp(1;3)DC192	CH321-28F18	8,345,702	8,401,072	55,370	<i>otu</i>		3146; 6025; 3022
Dp(1;3)DC193	CH321-80I04	8,373,682	8,470,436	96,754	<i>otu</i>	<i>Nrg</i>	3146; 6025; 3022; 5595; 5708*
Dp(1;3)DC194	CH321-69A10	8,441,040	8,537,535	96,495			
Dp(1;3)DC196	CH321-64J01	8,562,242	8,647,005	84,763	<i>l(1)G0020</i>		11474
Dp(1;3)DC197	CH321-38K07	8,626,580	8,727,131	100,551			
Dp(1;3)DC198	CH321-85N21	8,698,403	8,785,652	87,249			

Dp(1;3)DC199	CH321-50L02	8,764,981	8,846,709	81,728		
Dp(1;3)DC200	CH321-06K03	8,803,232	8,887,083	83,851		
Dp(1;3)DC201	CH321-88K03	8,855,073	8,955,034	99,961		
Dp(1;3)DC202	CH321-54E12	8,886,118	8,985,413	99,295		
Dp(1;3)DC203	CH321-23K20	8,953,354	9,037,987	84,633		
Dp(1;3)DC205	CH321-25D20	9,132,271	9,217,888	85,617	<i>amx</i> , <i>lz</i> , Df(1)Exel9049	2387; 18969; 9; 2387; 3509; 63; 13361; 7770
Dp(1;3)DC206	CH321-35L15	9,181,164	9,259,406	78,242		
Dp(1;3)DC207	CH321-25P23	9,226,649	9,323,924	97,275		
Dp(1;3)DC208	CH321-47G05	9,310,867	9,412,604	101,737		
Dp(1;3)DC209	CH321-01K05	9,386,182	9,476,853	90,671	<i>l(1)G0320</i>	11970; 14903
Dp(1;3)DC212	CH321-44B04	9,571,374	9,678,733	107,359	<i>CG15321</i> , <i>bid</i>	3294*; 26815; 14606; 11827; 15321
Dp(1;3)DC213	CH321-70K08	9,656,262	9,701,080	44,818		
Dp(1;3)DC214	CH321-73K06	9,667,644	9,762,360	94,716		
Dp(1;3)DC215	CH321-96N07	9,731,244	9,798,843	67,599		
Dp(1;3)DC216	CH321-85B05	9,774,292	9,856,525	82,233		
Dp(1;3)DC217	CH321-81O21	9,824,435	9,913,544	89,109		
Dp(1;3)DC218	CH321-61I05	9,894,372	9,974,236	79,864		

Dp(1;3)DC219	CH321-88M03	9,944,230	10,049,699	105,469		
Dp(1;3)DC220	CH321-45H07	10,021,269	10,098,677	77,408		
Dp(1;3)DC221	CH321-69O03	10,072,376	10,160,841	88,465	<i>Hk, l(1)G0230</i>	55; 3562; 11955
Dp(1;3)DC222	CH321-03G07	10,132,806	10,236,280	103,474		
Dp(1;3)DC223	CH321-67L01	10,189,699	10,301,052	111,353		<i>l(1)G0289</i> 11966*
Dp(1;3)DC224	CH321-64N06	10,262,993	10,358,571	95,578	<i>flw</i>	46; 186; 12287
Dp(1;3)DC225	CH321-81J16	10,337,489	10,443,139	105,650		
Dp(1;3)DC226	CH321-40J05	10,380,349	10,471,002	90,653		
Dp(1;3)DC227	CH321-70A18	10,447,560	10,529,147	81,587		
Dp(1;3)DC228	CH321-24B04	10,505,098	10,610,980	105,882		
Dp(1;3)DC229	CH321-18K03	10,556,240	10,655,943	99,703	<i>ras</i>	86; 1475; 87; 85
Dp(1;3)DC231	CH321-12K03	10,732,054	10,755,298	23,244		<i>feo, v</i> 4688*; 137*; 4771*
Dp(1;3)DC232	CH321-47A13	10,788,779	10,872,719	83,940	<i>v</i>	137; 4771
Dp(1;3)DC233	CH321-38F18	10,846,273	10,954,201	107,928		
Dp(1;3)DC234	CH321-52K09	10,935,295	11,040,029	104,734		
Dp(1;3)DC235	CH321-50P18	11,012,119	11,105,160	93,041	<i>ran, rtv, Dlic</i>	11800; 3297; 26635; 4694*; 5672; 11696; 11951
Dp(1;3)DC236	CH321-66A03	11,076,921	11,167,681	90,760		

Dp(1;3)DC237	CH321-64M10	11,156,728	11,257,276	100,548	<i>dsh, l(1)10Bb, Kap3</i>	9454; 5298; 14460; 11874; 18275; 4697; 4698*
Dp(1;3)DC238	CH321-67L16	11,230,570	11,331,135	100,565	<i>dsh, hop, dlg1</i>	9454; 5298; 6032; 8493; 8494; 11876*; 12301
Dp(1;3)DC239	CH321-40I20	11,283,584	11,375,370	91,786		
Dp(1;3)DC240	CH321-02B13	11,358,090	11,446,970	88,880		
Dp(1;3)DC241	CH321-05O16	11,414,580	11,511,438	96,858	<i>Rpl21, Kmn1</i>	3659; 11547; 6328; 3660; 3661; 1512*; 11877
Dp(1;3)DC243	CH321-74F04	11,565,555	11,657,465	91,910		
Dp(1;3)DC244	CH321-26N14	11,629,783	11,717,178	87,395	<i>m, dy</i>	69; 70; 30
Dp(1;3)DC245	CH321-01F21	11,696,587	11,777,898	81,311		
Dp(1;3)DC246	CH321-76G11	11,724,042	11,825,788	101,746	<i>wisp, pot</i>	4613; 11822*
Dp(1;3)DC247	CH321-60H11	11,865,729	11,955,286	89,557	<i>gd, tsg, fw</i>	<i>Usp7</i> 856; 3109; 15472; 2187; 6888; 141; 166; 194; 14505
Dp(1;3)DC249	CH321-32K23	11,965,250	12,044,346	79,096		
Dp(1;3)DC250	CH321-94M18	12,021,769	12,119,130	97,361		
Dp(1;3)DC251	CH321-36F14	12,094,285	12,182,936	88,651		
Dp(1;3)DC252	CH321-61H02	12,148,833	12,255,504	106,671		
Dp(1;3)DC253	CH321-66O15	12,225,073	12,326,149	101,076		
Dp(1;3)DC254	CH321-72G17	12,302,113	12,405,602	103,489		
Dp(1;3)DC255	CH321-85O14	12,377,449	12,472,434	94,985		

Dp(1;3)DC256	CH321-57A16	12,448,086	12,538,226	90,140		
Dp(1;3)DC257	CH321-47M02	12,507,477	12,596,743	89,266	<i>CkIalpha</i>	12303
Dp(1;3)DC258	CH321-63D20	12,565,768	12,645,624	79,856		
Dp(1;3)DC259	CH321-79I16	12,623,569	12,711,629	88,060		
Dp(1;3)DC260	CH321-57L04	12,668,601	12,760,253	91,652		
Dp(1;3)DC261	CH321-89F13	12,724,823	12,821,886	97,063		
Dp(1;3)DC262	CH321-40C11	12,793,350	12,890,192	96,842		
Dp(1;3)DC263	CH321-05H21	12,877,157	12,979,987	102,830		
Dp(1;3)DC264 ^b	CH321-38B18	12,966,320	13,070,126	103,806	<i>hep, lic</i>	6761; 11880; 19989
Dp(1;3)DC265	CH321-71C23	13,010,163	13,097,393	87,230		
Dp(1;3)DC266 ^b	CH321-03G21	13,078,876	13,170,717	91,841	<i>sno, mew</i>	8745; 14936; 12021; 12256; 1483
Dp(1;3)DC267	CH321-48B18	13,123,730	13,225,346	101,616	<i>comt</i>	26708; 27890
Dp(1;3)DC268	CH321-50L09	13,202,209	13,304,332	102,123		
Dp(1;3)DC269	CH321-92I12	13,278,663	13,358,819	80,156		
Dp(1;3)DC270	CH321-61M21	13,336,292	13,439,205	102,913		
Dp(1;3)DC271	CH321-77D16	13,427,494	13,507,192	79,698	<i>up</i>	25402; 25403
Dp(1;3)DC272	CH321-46K02	13,507,029	13,600,767	93,738		

Dp(1;3)DC273	CH321-23B06	13,572,670	13,654,767	82,097	<i>g</i>	<i>CG9940, CG32627</i>	18730; 3958; 50; 6888
Dp(1;3)DC274	CH321-75E20	13,625,879	13,717,113	91,234	<i>l(1)dd4, Rtc1, rdgB</i>		12139*; 26276; 5128; 22434; 26606
Dp(1;3)DC275	CH321-70M13	13,700,821	13,789,924	89,103	<i>Clic</i>	<i>mamo</i>	12267; 20116; 15725; 12270*; 26616
Dp(1;3)DC276	CH321-40P05	13,763,842	13,850,663	86,821			
Dp(1;3)DC277	CH321-79O21	13,825,587	13,912,171	86,584			
Dp(1;3)DC278	CH321-50H14	13,898,508	13,995,107	96,599			
Dp(1;3)DC279	CH321-23H09	13,980,844	14,072,048	91,204			
Dp(1;3)DC280	CH321-76M22	14,052,299	14,138,387	86,088			
Dp(1;3)DC281	CH321-56F05	14,120,818	14,167,180	46,362			
Dp(1;3)DC282	CH321-60I22	14,144,455	14,231,763	87,308	<i>na</i>		26702*; 2870; 3219
Dp(1;3)DC283	CH321-08C09	14,208,357	14,303,575	95,218			
Dp(1;3)DC284	CH321-23C05	14,281,687	14,380,814	99,127			
Dp(1;3)DC285	CH321-86L20	14,348,093	14,453,738	105,645			
Dp(1;3)DC286	CH321-80B07	14,416,492	14,517,238	100,746			
Dp(1;3)DC287	CH321-86C04	14,483,171	14,562,667	79,496			
Dp(1;3)DC288	CH321-90M01	14,536,415	14,634,964	98,549			
Dp(1;3)DC289	CH321-43E04	14,570,026	14,660,939	90,913			

Dp(1;3)DC290	CH321-74A04	14,623,162	14,729,318	106,156		
Dp(1;3)DC291	CH321-76F07	14,695,447	14,782,306	86,859		
Dp(1;3)DC292	CH321-77N20	14,757,418	14,849,775	92,357		
Dp(1;3)DC293	CH321-49O03	14,866,043	14,969,977	103,934		
Dp(1;3)DC294	CH321-38B08	14,943,838	15,049,464	105,626	<i>CG5599, drd</i>	14424; 24901; 27906
Dp(1;3)DC295	CH321-80K09	15,024,877	15,123,347	98,470		
Dp(1;3)DC296	CH321-25K03	15,094,315	15,185,062	90,747		
Dp(1;3)DC297	CH321-60I24	15,146,037	15,234,351	88,314	<i>Top1, dah</i>	5876; 4051; 10260; 11883; 11923; 12141; 5812
Dp(1;3)DC300	CH321-59E06	15,347,274	15,438,235	90,961	<i>shid</i>	<i>Gmap</i> 9167; 9243; 11884
Dp(1;3)DC301	CH321-02F23	15,406,612	15,508,713	102,101		
Dp(1;3)DC302	CH321-25M17	15,463,770	15,547,165	83,395	<i>sog</i>	2497; 10132; 11908; 11944
Dp(1;3)DC303	CH321-02B24	15,514,343	15,598,410	84,067		
Dp(1;3)DC304	CH321-65G23	15,578,780	15,680,411	101,631		
Dp(1;3)DC305	CH321-82A12	15,627,515	15,719,364	91,849	<i>l(1)G0136, Tcp-1zeta, mRpL3</i>	11970; 14903; 11886; 11475; 11640; 11914; 21199; 26599
Dp(1;3)DC307	CH321-24B18	15,805,395	15,878,078	72,683		
Dp(1;3)DC308	CH321-64D01	15,842,372	15,940,525	98,153		

Dp(1;3)DC309	CH321-12N23	15,882,552	15,975,026	92,474	<i>exd</i>	3293
Dp(1;3)DC310	CH321-01L06	15,956,331	16,035,116	78,785		
Dp(1;3)DC311	CH321-93B12	16,021,790	16,119,384	97,594		
Dp(1;3)DC312	CH321-48H12	16,102,085	16,222,065	119,980		
Dp(1;3)DC313	CH321-28P07	16,203,601	16,295,792	92,191	<i>sl</i>	724; 5735
Dp(1;3)DC314	CH321-84K01	16,248,840	16,336,721	87,881		
Dp(1;3)DC316	CH321-89E23	16,423,270	16,517,720	94,450	<i>Arp14D</i>	18728
Dp(1;3)DC317	CH321-20I24	16,491,981	16,530,847	38,866	<i>rok</i>	6666; 6665
Dp(1;3)DC318	CH321-63I13	16,555,435	16,637,981	82,546		
Dp(1;3)DC319	CH321-08C14	16,612,889	16,695,133	82,244	<i>jf</i>	3960; 2176; 2177
Dp(1;3)DC320	CH321-49N08	16,666,044	16,768,094	102,050	<i>CG9609</i>	26624
Dp(1;3)DC321	CH321-45A15	16,733,202	16,812,601	79,399		
Dp(1;3)DC322	CH321-62B18	16,786,371	16,865,737	79,366	<i>wus</i>	26604
Dp(1;3)DC323	CH321-26M15	16,852,198	16,936,822	84,624		
Dp(1;3)DC324	CH321-57C16	16,907,462	17,004,671	97,209		
Dp(1;3)DC325	CH321-64E02	16,991,608	17,076,840	85,232	<i>RpS5a, xmas-2</i>	73; 72; 26628; 5624; 438; 18731
Dp(1;3)DC327	CH321-56I13	17,102,134	17,207,001	104,867	<i>f</i>	24643

Dp(1;3)DC328	CH321-04D11	17,182,234	17,271,638	89,404		
Dp(1;3)DC329	CH321-85I09	17,255,096	17,345,649	90,553		
Dp(1;3)DC330	CH321-57P05	17,330,037	17,432,976	102,939	<i>CG8557</i>	11916
Dp(1;3)DC331	CH321-09C05	17,419,318	17,511,357	92,039	<i>CG8557, l(1)G0222</i>	11916; 11969; 2138
Dp(1;3)DC333	CH321-57C10	17,556,779	17,628,713	71,934		
Dp(1;3)DC334	CH321-16L02	17,582,661	17,674,922	92,261		
Dp(1;3)DC335	CH321-28E09	17,647,942	17,748,446	100,504		
Dp(1;3)DC336	CH321-26P04	17,679,946	17,771,399	91,453		
Dp(1;3)DC337	CH321-16E18	17,737,492	17,782,536	45,044	<i>CG32557</i>	26631
Dp(1;3)DC338	CH321-65J09	17,771,396	17,852,888	81,492		
Dp(1;3)DC339	CH321-49B17	17,807,424	17,900,478	93,054		
Dp(1;3)DC340	CH321-62B23	17,870,853	17,973,767	102,914		
Dp(1;3)DC341	CH321-90A16	17,947,777	18,032,189	84,412	<i>scu</i>	4753
Dp(1;3)DC342	CH321-43H08	18,006,627	18,101,564	94,937		
Dp(1;3)DC343	CH321-83A14	18,070,838	18,152,488	81,650		
Dp(1;3)DC344	CH321-35O24	18,135,634	18,218,307	82,673	<i>os</i>	79; 4767
Dp(1;3)DC345	CH321-91O05	18,189,748	18,282,159	92,411	<i>os</i>	79; 4767

Dp(1;3)DC346	CH321-32C05	18,253,837	18,345,202	91,365	<i>por</i>	<i>CrebB-17a</i>	4720; 4740; 4768
Dp(1;3)DC347	CH321-90G02	18,323,698	18,421,829	98,131	<i>Aats-his</i>		11919; 11983
Dp(1;3)DC349	CH321-85P03	18,465,463	18,544,208	78,745			
Dp(1;3)DC351	CH321-23G04	18,563,850	18,674,780	110,930			
Dp(1;3)DC352	CH321-08P09	18,650,979	18,739,417	88,438			
Dp(1;3)DC353	CH321-59N15	18,684,078	18,787,773	103,695			
Dp(1;3)DC354	CH321-67L15	18,753,898	18,842,610	88,712			
Dp(1;3)DC355	CH321-29P23	18,814,970	18,922,904	107,934			
Dp(1;3)DC356	CH321-73C20	18,879,516	18,956,682	77,166			
Dp(1;3)DC357	CH321-38G09	18,922,191	19,018,644	96,453			
Dp(1;3)DC358	CH321-12L09	19,004,927	19,098,945	94,018			
Dp(1;3)DC360	CH321-09L23	19,132,757	19,222,718	89,961			
Dp(1;3)DC361	CH321-85F19	19,245,460	19,354,130	108,670			
Dp(1;3)DC362	CH321-71B04	19,333,463	19,435,040	101,577	<i>l(1)G0156</i>		11895
Dp(1;3)DC363	CH321-63C20	19,412,004	19,495,403	83,399			
Dp(1;3)DC364	CH321-35A10	19,457,711	19,548,245	90,534	<i>e(y)3, car</i>	<i>RpS10b</i>	71*; 10270; 11910; 11996; 19; 20
Dp(1;3)DC365	CH321-35O18	19,518,790	19,610,762	91,972	<i>e(y)3, dome, Mer, Cdc42</i>		12030; 10270; 8783; 7337*, 9104

Dp(1;3)DC366	CH321-78C01	19,581,404	19,681,595	100,191
Dp(1;3)DC367	CH321-22D01	19,652,058	19,744,242	92,184
Dp(1;3)DC368 ^b	CH321-15P17	19,722,764	19,812,047	89,283
Dp(1;3)DC369	CH321-32H16	19,792,101	19,877,335	85,234
Dp(1;3)DC370	CH321-64P06	19,852,817	19,967,982	115,165
Dp(1;3)DC371	CH321-56O15	19,945,274	20,042,811	97,537
Dp(1;3)DC372 ^b	CH321-15K12	20,016,288	20,093,231	76,943
Dp(1;3)DC374	CH321-67B20	20,121,311	20,230,462	109,151
Dp(1;3)DC376	CH321-89O15	20,977,000	21,071,763	94,763
Dp(1;3)DC377	CH321-22G22	21,055,433	21,162,261	106,828
Dp(1;3)DC378	CH321-80M04	21,108,947	21,195,965	87,018
Dp(1;3)DC379	CH321-49O10	21,181,795	21,274,943	93,148
Dp(1;3)DC380	CH321-57I03	21,241,481	21,339,859	98,378
Dp(1;3)DC381	CH321-57K01	21,314,883	21,391,373	76,490
Dp(1;3)DC382	CH321-07G07	21,357,939	21,454,951	97,012
Dp(1;3)DC383	CH321-86F13	21,436,635	21,520,438	83,803
Dp(1;3)DC384	CH321-26A04	21,510,805	21,590,231	79,426

Dp(1;3)DC386	CH321-68G11	21,639,762	21,668,653	28,891
Dp(1;3)DC388 ^b	CH321-02C06	21,760,040	21,846,888	86,848
Dp(1;3)DC389	CH321-74N13	21,838,120	21,930,713	92,593
Dp(1;3)DC390	CH321-92I13	21,906,419	21,990,597	84,178
Dp(1;3)DC391	CH321-18C11	21,959,714	22,044,474	84,760
Dp(1;3)DC392	CH321-44M14	22,021,164	22,104,749	83,585
Dp(1;3)DC393	CH321-11A23	22,074,314	22,166,031	91,717
Dp(1;3)DC394	CH321-03D13	22,141,642	22,230,802	89,160
Dp(1;3)DC395	CH321-02G02	22,193,129	22,277,508	84,379
Dp(1;3)DC396	CH321-91D06	22,238,631	22,325,962	87,331
Dp(1;3)DC397	CH321-23E16	22,292,953	22,377,133	84,180
Dp(1;3)DC398	CH322-157H18	22,376,010	22,396,617	20,607
Dp(1;3)DC399	CH322-08D09	22,395,228	22,417,460	22,232
Dp(1;3)DC400	CH321-60O02	818,683	903,494	84,811
Dp(1;3)DC401	CH321-35C02	1,310,607	1,408,895	98,288
Dp(1;3)DC402	CH321-70H05	1,798,539	1,886,984	88,445
Dp(1;3)DC403	CH321-35D08	2,119,813	2,202,550	82,737

Dp(1;3)DC404	CH321-24F19	2,189,174	2,269,907	80,733		
Dp(1;3)DC405	CH321-63M03	2,343,233	2,433,294	90,061		
Dp(1;3)DC406	CH321-23G14	2,564,781	2,666,509	101,728		
Dp(1;3)DC408	CH321-19N24	4,287,083	4,330,023	42,940		
Dp(1;3)DC409	CH321-05J07	20,242,727	20,313,025	70,298		
Dp(1;3)DC410	CH321-74K24	20,759,966	20,844,272	84,306		
Dp(1;3)DC411	CH321-57D08	20,809,404	20,894,989	85,585		
Dp(1;3)DC412	CH321-61L15	1,430,891	1,479,092	48,201		
Dp(1;3)DC413	CH321-72K03	1,892,853	1,987,447	94,594	<i>east, Actn, usp, Unc-76</i>	15791; 12282; 4655; 11802; 4660; 29974; 10610; 11701; 11942; 12293
Dp(1;3)DC414	CH321-80H02	16,387,410	16,467,611	80,201	<i>Arp14D</i>	18728
Dp(1;3)DC415	CH321-54K14	7,073,355	7,154,758	81,403		
Dp(1;3)DC416	CH321-24E24	7,100,243	7,199,996	99,753		
Dp(1;3)DC417	CH321-28D07	7,311,576	7,401,745	90,169		
Dp(1;3)DC426	CH321-45H09	5,505	93,312	87,807		
Dp(1;3)DC430	CH321-77C08	383,715	480,982	97,267		
Dp(1;3)DC437	CH321-78N18	1,136,724	1,227,905	91,181		

Dp(1;3)DC439	CH321-67B16	1,191,491	1,270,133	78,642
Dp(1;3)DC444	CH321-95C06	1,651,817	1,743,654	91,837
Dp(1;3)DC446	CH321-53P22	1,697,827	1,796,766	98,939
Dp(1;3)DC452	CH321-71A19	2,290,954	2,383,929	92,975
Dp(1;3)DC453	CH321-80E15	2,333,186	2,423,349	90,163
Dp(1;3)DC454	CH321-61I14	2,357,929	2,449,183	91,254
Dp(1;3)DC459	CH321-63C23	3,099,173	3,191,865	92,692
Dp(1;3)DC460	CH321-60A08	3,164,302	3,252,703	88,401
Dp(1;3)DC463	CH321-76J08	3,520,821	3,612,213	91,392
Dp(1;3)DC465	CH321-93H14	4,022,358	4,121,982	99,624
Dp(1;3)DC466	CH321-89O05	4,153,354	4,224,441	71,087
Dp(1;3)DC467	CH321-78M17	4,197,024	4,283,288	86,264
Dp(1;3)DC468	CH321-60A09	4,275,896	4,347,684	71,788
Dp(1;3)DC472	CH321-09K05	4,514,694	4,601,048	86,354
Dp(1;3)DC473	CH321-85P17	4,582,421	4,697,579	115,158
Dp(1;3)DC479	CH321-74F19	5,211,645	5,321,905	110,260
Dp(1;3)DC486	CH321-71K04	6,616,430	6,708,982	92,552

Dp(1;3)DC489	CH321-72B18	6,887,492	6,990,060	102,568		
Dp(1;3)DC490	CH321-17P22	6,930,928	7,044,200	113,272		
Dp(1;3)DC494 ^b	CH321-48H18	7,710,486	7,803,844	93,358		
Dp(1;3)DC495	CH321-69D16	7,765,016	7,837,916	72,900		
Dp(1;3)DC501	CH321-50F05	9,008,174	9,099,018	90,844		
Dp(1;3)DC503	CH321-36M02	9,405,624	9,499,552	93,928		
Dp(1;3)DC504	CH321-24L24	9,465,692	9,554,972	89,280		
Dp(1;3)DC550	CH321-51D08	19,558,685	19,655,042	96,357	<i>dome, Cdc42, Mer</i>	10263; 11953; 11971; 12009; 12030; 8783; 9104; 9103*
Dp(1;3)DC551	CH321-06A05	19,598,757	19,699,228	100,471		
Dp(1;3)DC572	CH321-82G19	8,480,082	8,585,732	105,650	<i>oc - partial</i>	24

 XHet

Dp(1;3)DC420	CH321-05N21	2,721	81,472	78,751		
Dp(1;3)DC421	CH321-74P23	45,803	147,046	101,243		
Dp(1;3)DC422	CH321-18E16	135,373	204,112 ^c	>68,739		
Dp(1;3)DC423	CH321-90G01	153,883	204,112 ^c	>50,229		

^aThe transgenic tiling path is organized according to DC number for the euchromatic portion (armX) and the pericentric heterochromatin (XHet) of the X chromosome.

^bBAC ends of 7 clones, Dp(1;3)DC003 (CH321-12B18), Dp(1;3)DC264 (CH321-38B18), Dp(1;3)DC266 (CH321-03G21), Dp(1;3)DC368 (CH321-15P17), Dp(1;3)DC372 (CH321-15K12), Dp(1;3)DC388 (CH321-02C06) and Dp(1;3)DC494 (CH321-48H18) map within tandem duplications in the genome sequence. BAC end coordinates for 5 of these BACs were determined by

analysis of restriction digestion patterns and rare sequence variation in the repeats. The right end coordinates of Dp(1;3)DC264 (CH321-38B18) and Dp(1;3)DC368 (CH321-15P17) remain ambiguous; the coordinates reported correspond to the coordinate resulting in the shorter cloned insert size. ^eBAC ends of two clones, Dp(1;3)DC422 (CH321-18E16) and Dp(1;3)DC423 (CH321-90G01), extend beyond XHet into an unsequenced gap in the genome; their right end coordinates are defined here by the last coordinate of the genomic sequence.