

A complete integrated map of pepper. Anchor markers are presented to the left of the text and unique markers are presented in the center. Each marker is followed by the distance in cM from the top of the linkage group, the code of the original map in which it was mapped, and the linkage group number: EG0D- Livingstone et al. 1999, Genetics 152: 1183-1202; EG0T- Ben Chaim et al. 2001, Theor. Appl. Genet. 102: 1016-1028; EG0E- Paran et al. unpublished; PY, HV and YC- Lefebvre et al. 2002, Genome 45: 839-854.

Chromosome 1

	TG55a	0.0	[EG0D00_1]
	TG362a	0.0	[EG0D00_1]
	E49/M54-M011-C	0.0	[EG0D00_1]
	E32/M49-F-121	0.0	[EG0D00_1]
	ag02_0.7	4.5	[PY_1b]
	E32/M49-M018-C	4.6	[EG0E00_1]
	E48/M48-M004-C	4.8	[EG0E00_1]
	E38/M61-M008-C	18.7	[EG0D00_1]
	E49/M49-M018-C	18.7	[EG0D00_1]
	E49/M49-M021-C	18.7	[EG0D00_1]
TG24	18.7	[EG0D00_1,EG0T00_1b,PY_1b]	
	ai09_0.4	21.1	[PY_1b]
	CT094F1c	21.1	[YC_8a]
	AG18_0.9	21.4	[PY_1b]
	E49/M54-M007-C	21.5	[EG0E00_1]
	E39/M49-M252	21.8	[PY_1b]
	GC034_1p	22.3	[PY_1b]
	GC023_1p	22.3	[PY_1b]
	E48/M48-F-344	23.1	[EG0E00_1]
	E33/M48-F-469	23.9	[EG0E00_1]
	GC023_2y	24.1	[PY_1b]
	E35/M48-M022-C	24.3	[EG0E00_1]
	GC034_2y	24.4	[PY_1b]
	E42/M58-E	25.0	[PY_1b]
	E32/M49-M016-C	25.1	[EG0D00_1]
	E33/M49-M016-C	25.1	[EG0D00_1]
	E35/M48-M010-C	25.1	[EG0D00_1]
	E35/M61-F-149	25.1	[EG0D00_1]
	E35/M61-F-73	25.1	[EG0D00_1]
	E38/M47-F-426	25.1	[EG0D00_1]
	E38/M47-M008-C	25.1	[EG0D00_1]
	E38/M61-F-252	25.1	[EG0D00_1]
	E48/M49-M005-C	25.1	[EG0D00_1]
	E49/M47-M005-C	25.1	[EG0D00_1]
	E49/M49-M013-C	25.1	[EG0D00_1]
	E49/M54-M018-C	25.1	[EG0D00_1]
	E49/M60-F-248	25.1	[EG0D00_1]
	E49/M62-M024-C	25.1	[EG0D00_1]
	PG260	25.1	[EG0D00_1]
	E48/M49-M015-C	25.1	[EG0D00_1]
E33/M49-F-530	25.1	[EG0D00_1,EG0E00_1,EG0T00_1b]	
E41/M49-F-290	25.2	[EG0T00_1b,PY_1b]	
E38/M61-F-81	25.3	[EG0T00_1b,PY_1b]	
	TG021F	25.5	[YC_8a]
	E39/M48-M	25.8	[PY_1b]
	E35/M48-M011-C	26.0	[EG0E00_1]
	E33/M61-M003-C	26.1	[EG0E00_1]
	E32/M61-F-429	26.4	[EG0E00_1]
	E33/M49-F-131	26.5	[EG0E00_1]
	E32/M49-F-100	26.6	[EG0E00_1]

	E40/M47-M012-C	27.4	[EGOE00_1]
	E40/M48-M137	27.6	[PY_1b]
	E35/M48-F-131	28.8	[EGOE00_1]
	E41/M48-M020-C	28.8	[EGOE00_1]
	E33/M49-F-366	28.9	[EGOE00_1]
	E33/M61-F-359	29.0	[EGOE00_1]
	CD15	29.4	[EGOD00_1]
	TG44	29.4	[EGOD00_1]
	PG203	29.9	[PY_1b]
	E35/M48-F-344	30.0	[EGOE00_1]
	TG059	34.8	[PY_1b]
	TG56H	35.2	[PY_1b]
	E49/M59-F-276	35.9	[EGOD00_1]
	E33/M49-F-490	35.9	[EGOD00_1]
	E36/M52-B	39.4	[YC_8a]
	CT201	39.4	[EGOD00_1]
	UB26a	39.4	[EGOD00_1]
	PG106	39.4	[EGOD00_1]
	CT198	39.4	[EGOD00_1]
CT131	39.4	[EGOD00_1,EGOE00_1,YC_8a,PY_1b]	
TG029	40.6	[YC_8a,PY_1b]	
	E41/M48-F-159	42.6	[EGOE00_1]
	AE20_2.5	44.4	[PY_1b]
	AE11_2.0	45.6	[PY_1b]
	TG76H	46.1	[PY_1b]
	E49/M51-F-397	47.9	[EGOD00_1]
	E38/M61-M025-C	47.9	[EGOD00_1]
TG70E	47.9	[EGOD00_1,EGOE00_1]	
	E33/M53-F-267	51.4	[PY_1b]
	P09_1.1c	51.8	[YC_8a]
	TG273	55.0	[EGOD00_1]
	E35/M61-M002-C	55.0	[EGOD00_1]
	E38/M47-M006-C	55.0	[EGOD00_1]
	E48/M49-M011-C	55.0	[EGOD00_1]
	E49/M62-F-347	55.0	[EGOD00_1]
	Pgm-2	55.0	[EGOD00_1]
	E41/M49-M864	55.4	[PY_1b]
	CT101L	56.9	[HV01_1]
	E38/M61-F-166	57.0	[YC_8a]
	GC169	57.9	[YC_8a]
	E41/M49-M842	58.2	[PY_1b]
	AE03_1.4	58.4	[PY_1a]
	E38/M61-F-192	60.9	[PY_1b]
	GC025	61.0	[YC_8a]
	E48/M49-F-340	61.2	[EGOD00_1]
	OPS4	61.2	[EGOD00_1]
	PG293	61.2	[EGOD00_1]
	E39/M49-M133	62.0	[PY_1b]
	E45/M58-J	62.8	[PY_1a]
CT187	64.3	[EGOD00_1,EGOE00_1]	
	C01_0.75	64.3	[PY_1b]
	E31/M53-M212	65.1	[YC_8a]
	E32/M61-F-122	65.7	[EGOE00_1]
	E35/M48-F-158	65.7	[EGOE00_1]
	GC016p	65.9	[PY_1a]
	PG282	65.9	[EGOD00_1]
	E41/M48-M002-C	66.5	[EGOE00_1]
	F15_0.9	66.8	[HV01_1]
	E33/M48-F-178	68.2	[HV01_1]
	E32/M47-F-250	68.3	[HV01_1]
	E38/M61-F-206	68.3	[HV01_1]
	E36/M61-F-233	68.4	[HV01_1]
	TG16	68.6	[EGOT00_1a]
	CT77	68.6	[EGOD00_1]
	TG314a	68.6	[EGOD00_1]
	TG513	68.6	[EGOD00_1]
	E38/M49-F-150	68.6	[EGOD00_1]
	E32/M49-M022-C	71.1	[EGOE00_1]

	E41/M48-M014-C	71.2	[EGOE00_1]
	E32/M49-F-436	71.5	[EGOT00_1a]
	P13/M50-F-160	71.5	[EGOT00_1a]
	E33/M61-M002-C	71.6	[EGOE00_1]
	E33/M61-M015-C	71.6	[EGOE00_1]
	E40/M47-M019-C	71.6	[EGOE00_1]
	E33/M49-M003-C	71.6	[EGOE00_1]
	E32/M49-M023-C	71.6	[EGOE00_1]
	E40/M47-M014-C	71.7	[EGOE00_1]
	E41/M48-F-275	71.7	[EGOE00_1]
	E33/M49-M001-C	71.7	[EGOE00_1]
	E32/M49-F-91	71.7	[EGOE00_1]
	E33/M61-M009-C	71.7	[EGOE00_1]
	E35/M48-F-275	71.8	[EGOE00_1]
	E33/M48-M002-C	72.0	[EGOE00_1]
	P14/M61-F-327	72.4	[EGOT00_1a]
E33/M49-F-504	72.9	[EGOD00_1,EGOE00_1]	
	E33/M48-M007-C	73.7	[EGOE00_1]
	E32/M49-F-205	74.7	[EGOT00_1a]
	TG055_2	75.4	[PY_1a]
	CT32b	75.5	[EGOD00_1]
E32/M49-F-203	75.7	[EGOE00_1,EGOT00_1a,HV01_1]	
	CT128C	78.7	[PY_1a]
	AG09_1.5	80.4	[PY_1a]
	KG010A	80.9	[PY_1a]
	PG114	82.7	[PY_1a]
	E37/M54-M230	84.8	[PY_1a]
	E41/M49-M002-C	85.4	[EGOD00_1]
	E39/M49-M115	85.5	[PY_1a]
	E36/M49-F-125	86.9	[HV01_1]
	AF11_2.1	87.2	[PY_1a]
	CT202	89.5	[EGOD00_1]
TG650	89.5	[EGOD00_1,EGOE00_1]	
	E49/M54-M010-C	92.6	[EGOD00_1]
	Mnr_1	94.4	[PY_1a]
	P13/M47-F-135	96.2	[EGOT00_1a]
GC036	96.6	[YC_1,PY_1a]	
	P14/M50-F-93	96.8	[EGOT00_1a]
	ag19_0.9	97.4	[PY_1a]
	P14/M60-F-162	97.5	[EGOT00_1a]
	ZDS	97.5	[EGOE00_1]
TG083_1	98.5	[EGOD00_1,PY_1a]	
	TG083	99.5	[EGOT00_1a]
TG004L	103.4	[HV01_1,PY_1a]	
E37/M54-M440	103.7	[YC_1,PY_1a]	
TG019C	104.3	[EGOD00_1,EGOE00_1,PY_1a]	
	E37/M54-M440_1	104.9	[YC_1]
CT241Y	105.5	[YC_1,PY_1a]	
	E36/M49-F-453	106.7	[HV01_1]
	E32/M48-F-96	107.6	[HV01_1]
	CT113	109.9	[EGOD00_1]
	E38/M61-M028-C	109.9	[EGOD00_1]
	TG197	109.9	[EGOD00_1]
	TG142	111.2	[PY_1a]
	E40/M48-M364	112.3	[PY_1a]
	E39/M49-M145	112.4	[PY_1a]
	E32/M47-F-306	112.8	[HV01_1]
	CT069y	113.2	[YC_8a]
	CT70H	114.0	[PY_1a]
	TG161a	115.2	[EGOD00_1]
TG77	115.2	[EGOD00_1,EGOE00_1,HV01_1,PY_1a]	
	TG281F	117.1	[YC_8a]
	TG245	118.2	[EGOD00_1]
	TG430	120.3	[PY_1a]
CD016	122.8	[EGOD00_1,HV01_1,PY_1a]	
	AG12_0.7	123.2	[PY_1a]
	TG161	123.3	[PY_1a]
	P14/M47-F-222	124.8	[EGOT00_1a]

	TG88	125.7	[EGOD00_1]
TG17	127.0 [EGOD00_1,HV01_1,PY_1a]		
	P11/M49-F-276	127.1	[EGOT00_1a]
P13/M50-F-299	127.1 [EGOT00_1a,HV01_1]		
P13/M47-F-173	127.2 [EGOT00_1a,HV01_1]		
TG157	127.3 [EGOD00_1,EGOE00_1]		
	P13/M50-F-282	127.7	[HV01_1]
	AF14_2.2	129.9	[PY_1a]
	R19_0.75	131.1	[PY_1a]
	GC024	132.8	[PY_1a]
	E37/M60-L	136.9	[PY_1a]
	E39/M49-M203	137.1	[PY_1a]
P11/M49-F-374	138.0 [EGOT00_1a,HV01_1]		
	CT259E	139.9	[YC_8a]
	TG021H	142.6	[PY_1a]
	R13_1.8	144.4	[PY_1a]
TG158	145.1 [EGOD00_1,EGOE00_1]		
	TG269	145.7	[EGOD00_1]
	TG382a	145.7	[EGOD00_1]
	E49/M47-M013-C	145.7	[EGOD00_1]
	E49/M62-M008-C	145.7	[EGOD00_1]
	OPR10	145.7	[EGOD00_1]
	CT254	145.7	[EGOD00_1]
TG281T	146.3 [EGOD00_1,EGOT00_1a,PY_1a]		
	E38/M61-M217	149.0	[PY_1a]
	TG70H	150.5	[PY_1a]
	S11_1.6	151.7	[PY_1a]
	R10_0.9	151.8	[PY_1a]
	E39/M49-M208	153.9	[PY_1a]
	E40/M48-M528	155.3	[PY_1a]
	TG245E	160.7	[EGOE00_1]

Chromosome 2

	E35/M61-F-91	0.0	[PY_2]
	O02_0.3	13.2	[PY_2]
	E49/M60-F-400	16.0	[EGOD00_2]
	CT129A	22.9	[EGOT00_2]
	PG120D	24.3	[HV01_2]
	E33/M49-M006-C	24.5	[EGOE00_2]
C01_1.25	25.7 [HV01_2,PY_2]		
	E36/M59-F-194	25.7	[HV01_2]
	E35/M48-M018-C	26.1	[EGOE00_2]
	E41/M51-I	26.4	[PY_2]
	E40/M55-M105	26.6	[PY_2]
	E35/M48-F-319	26.6	[HV01_2]
	E41/M48-M012-C	26.6	[EGOE00_2]
	E33/M61-M016-C	26.8	[EGOE00_2]
	E38/M60-F-445	27.1	[HV01_2]
	E36/M48-F-321	27.1	[HV01_2]
	E40/M62-F-489	27.1	[HV01_2]
	E36/M60-F-568	27.1	[HV01_2]
	E41/M48-F-73	27.1	[HV01_2]
	E49/M51-F-138	27.1	[EGOT00_2]
	E38/M48-F	27.2	[PY_2]
CT116	27.4 [HV01_2,PY_2]		
E38/M49-F-163	27.5 [EGOT00_2,HV01_2]		
	P14/M59-F-98	27.6	[HV01_2]
	E36/M48-F-181	27.6	[HV01_2]
	E36/M47-F-400	27.6	[HV01_2]
	E36/M49-F-84	27.6	[HV01_2]
	E36/M49-F-144	27.6	[HV01_2]
	AE18_0.7	27.6	[HV01_2]
	E38/M48-F-273	27.6	[EGOT00_2]
	P14/M62-F-121	27.6	[EGOT00_2]
	E49/M54-F-156	27.6	[EGOT00_2]
E32/M49-F-216	27.6 [EGOT00_2,HV01_2]		
TG31	27.7 [EGOD00_2,EGOE00_2]		
	E41/M48-M009-C	27.7	[EGOE00_2]

	E33/M61-M007-C	27.7	[EGOE00_2]
	E33/M48-M001-C	27.7	[EGOE00_2]
	E33/M49-M016-C	27.7	[EGOE00_2]
	E49/M54-F-64	27.7	[EGOT00_2]
	P14/M60-F-71	27.7	[EGOT00_2]
	E32/M61-F-117	27.7	[EGOT00_2]
	E38/M49-F-454	27.8	[EGOD00_2]
	E48/M49-F-327	27.8	[EGOD00_2]
	E49/M47-F-232	27.8	[EGOD00_2]
	E49/M51-F-91	27.8	[EGOD00_2]
	CD42b	27.8	[EGOD00_2]
	CT205a	27.8	[EGOD00_2]
	CT233	27.8	[EGOD00_2]
	TG51b	27.8	[EGOD00_2]
	TG174b	27.8	[EGOD00_2]
	TG314b	27.8	[EGOD00_2]
	E33/M61-M005-C	27.8	[EGOD00_2]
	E33/M61-M018-C	27.8	[EGOD00_2]
	E35/M48-M016-C	27.8	[EGOD00_2]
	E38/M61-M002-C	27.8	[EGOD00_2]
	E48/M49-M021-C	27.8	[EGOD00_2]
	E49/M47-M012-C	27.8	[EGOD00_2]
	R299c	27.8	[EGOD00_2]
	U221b	27.8	[EGOD00_2]
	E35/M61-F-101	27.8	[EGOD00_2]
E35/M48-F-520	27.8	[EGOD00_2,EGOE00_2,EGOT00_2,HV01_2]	
	P14/M59-F-260	28.1	[EGOT00_2]
	KG036	28.3	[PY_2]
	E32/M49-F-266	28.3	[EGOE00_2]
	E32/M61-F-97	29.3	[EGOT00_2]
	E33/M49-M011-C	29.8	[EGOD00_2]
	E37/M62-J	30.5	[PY_2]
	A03_0.7	33.5	[PY_2]
	E32/M61-F-439	33.6	[EGOE00_2]
	E49/M49-F-248	33.8	[EGOT00_2]
	GC163	34.2	[PY_2]
	ag11_1.2	36.6	[PY_2]
	E37/M60-F	37.6	[PY_2]
	E37/M59-M101	37.8	[PY_2]
	AG08_0.9	38.6	[PY_2]
	E49/M49-M002-C	39.9	[EGOD00_2]
	TG165	39.9	[EGOD00_2]
	E42/M55-J	40.2	[PY_2]
	E45/M58-P	40.5	[PY_2]
	E45/M58-D	40.8	[PY_2]
	E41/M51-JA	40.9	[PY_2]
	E48/M49-F-493	41.6	[EGOT00_2]
	E37/M59-M288	42.6	[PY_2]
	E43/M53-M119	44.1	[PY_2]
	E49/M59-M013-C	46.9	[EGOD00_2]
E33/M49-F-458	46.9	[EGOD00_2,EGOE00_2]	
	AF20_.2v	49.7	[HV01_2]
	P11/M54-F-228	50.0	[EGOT00_2]
	AF20_.2y	50.6	[PY_2]
	E49/M59-F-116	52.6	[EGOT00_2]
	E36/M59-F-259	56.3	[HV01_2]
GC051_4	56.9	[HV01_2,PY_2]	
GC051_2	58.1	[HV01_2,PY_2]	
GC051_3	60.3	[HV01_2,PY_2]	
	P11/M49-F-269	60.5	[EGOT00_2]
	E41/M60-F-261	61.8	[HV01_2]
TG312	63.2	[EGOD00_2,EGOE00_2,EGOT00_2,PY_2]	
	TG392	63.2	[EGOD00_2]
GC051_1	63.3	[HV01_2,PY_2]	
	KG010E	65.7	[HV01_2]
	CD11	65.8	[EGOD00_2]
	CT128B_1	66.0	[HV01_2]
	CT128B_2	66.6	[HV01_2]

		TG451	69.6 [EGOD00_2]
		CT128a	69.6 [EGOD00_2]
P14/M59-F-314	71.1	[EGOT00_2,HV01_2]	
P14/M59-F-315	71.1	[EGOT00_2,HV01_2]	
P13/M50-F-320	72.3	[EGOT00_2,HV01_2]	
		E32/M61-F-307	73.4 [EGOE00_2]
		P11/M49-F-344	75.9 [EGOT00_2]
		CT031C	76.0 [HV01_2]
		E48/M48-M009-C	76.7 [EGOE00_2]
		E45/M58-H	77.0 [PY_2]
		E48/M48-F-241	77.5 [EGOT00_2]
		P14/M47-F-151	80.5 [EGOT00_2]
		E36/M48-F-342	81.6 [HV01_2]
		E36/M48-F-338	81.6 [HV01_2]
		E35/M48-F-129	83.8 [EGOE00_2]
		CT277	86.5 [EGOD00_2]
		E39/M49-M113	88.8 [PY_2]
		C	89.5 [EGOT00_2]
		E41/M51-K	89.7 [PY_2]
		E35/M61-M206	92.0 [PY_2]
		E41/M51-S	95.3 [PY_2]
		TG205	97.2 [EGOD00_2]
		TG353	97.2 [EGOD00_2]
TG195	97.2	[EGOD00_2,EGOE00_2]	
CD035	97.3	[EGOT00_2,HV01_2,YC_2,PY_2]	
		GC021_1	98.4 [PY_2]
		GC027	98.6 [PY_2]
		GC021_2y	99.5 [PY_2]
		E41/M51-F	100.5 [PY_2]
		E49/M48-M016-C	102.6 [EGOD00_2]
		CT166	102.6 [EGOD00_2]
		E49/M51-M013-C	102.6 [EGOD00_2]
		E49/M59-M007-C	102.6 [EGOD00_2]
		E49/M48-F-126	102.6 [EGOD00_2]
		TG381	103.4 [EGOE00_2]
		TG191T	103.5 [EGOT00_2]
		CD38	108.8 [EGOD00_2]
E40/M48-F-230	111.0	[HV01_2,YC_2,PY_2]	
		KG035	111.2 [PY_2]
		CT94	117.6 [EGOD00_2]
		CT094E	118.0 [PY_2]
		CT094F2c	119.0 [YC_2]
		P11/M54-F-269	120.4 [EGOT00_2]
		P11/M54-F-270	120.4 [EGOT00_2]
		EPOXY	121.3 [EGOE00_2]
CD66	123.5	[EGOD00_2,EGOE00_2,EGOT00_2,PY_2]	
		P13/M47-F-63	126.4 [HV01_2]
		TG492	127.2 [EGOD00_2]
		PG197	127.2 [EGOD00_2]
		CT176	127.2 [EGOD00_2]
		E45/M53-F	128.5 [PY_2]
		E33/M48-F-381	130.8 [EGOE00_2]
		E48/M49-F-77	131.3 [EGOD00_2]
		P14/M50-F-80	131.9 [HV01_2]
		F13_1.3	132.5 [PY_2]
		E40/M47-M022-C	132.6 [EGOE00_2]
		E40/M47-M007-C	133.0 [EGOE00_2]
		E35/M61-F-175	135.9 [PY_2]
		TG336	138.6 [EGOE00_2]
		E42/M55-K	140.5 [PY_2]
TG48	140.9	[EGOD00_2,EGOE00_2]	
		E33/M49-F-164	143.6 [EGOE00_2]
		E41/M48-F-263	144.7 [EGOE00_2]
		TG141	146.7 [EGOD00_2]
		CD064	152.4 [PY_2]
		E41/M49-F-285	157.0 [YC_2]
		E36/M52-E	170.3 [YC_2]
		CT176F	171.5 [YC_2]

A18_0.5c	172.6	[YC_2]
E37/M54-M652	172.6	[YC_2]
E36/M47-M150	172.7	[YC_2]
A20_0.7c	182.0	[YC_2]

Chromosome 3

	T08_1.0	0.0	[PY_3]
	SW5a	0.3	[EG0D00_3]
CT220	0.3 [EG0D00_3,EG0T00_3,PY_3]		
	E49/M59-F-457	1.8	[EG0T00_3]
	E40/M48-M166	4.7	[PY_3]
	E40/M48-M165	8.6	[PY_3]
	E36/M55-F-175	10.7	[HV01_3]
	E42/M49-A	11.3	[PY_3]
	SW5b	12.9	[EG0D00_3]
	E49/M49-F-163	13.0	[EG0T00_3]
	E49/M47-M001<N>	15.6	[EG0T00_3]
	TG591	18.6	[PY_3]
	E43/M53-F-106	20.8	[PY_3]
	E49/M51-F-261	23.4	[EG0D00_3]
E35/M48-F-180	24.7 [EG0T00_3,HV01_3]		
E33/M49-F-179	24.8 [EG0E00_3,EG0T00_3]		
	E40/M55-M182	25.7	[PY_3]
	E33/M49-M020-C	25.9	[EG0E00_3]
	E35/M48-M015-C	25.9	[EG0E00_3]
	E35/M48-M006-C	26.6	[EG0E00_3]
	E49/M47-F-353	28.1	[EG0D00_3]
	E35/M48-M007-C	28.1	[EG0D00_3]
	E43/M53-F-105	29.8	[PY_3]
	P14/M59-F-85	29.9	[EG0T00_3]
	E35/M48-M014-C	30.1	[EG0D00_3]
	SW5c	30.1	[EG0D00_3]
TG421	32.2 [EG0D00_3,EG0E00_3]		
	PG141	32.2	[EG0D00_3]
	E41/M49-M185	35.8	[PY_3]
	F16_0.8	37.6	[HV01_3]
	E48/M51-F-99	38.5	[EG0D00_3]
TG57L	40.4 [HV01_3,PY_3]		
	PG109H	40.9	[PY_3]
	TG591c	42.2	[YC_3]
	an03_1.9	42.7	[PY_3]
	TG057y	42.8	[YC_3]
	CT198T	43.5	[EG0T00_3]
	P11/M49-F-106	47.2	[EG0T00_3]
	AE07_1.1	51.5	[PY_3]
	CT74	53.2	[EG0D00_3]
TG248	53.2 [EG0D00_3,EG0T00_3]		
D11_1.3Y	55.3 [YC_3,PY_3]		
TG558E	55.5 [EG0E00_3,EG0T00_3]		
	E32/M49-M012-C	57.8	[EG0E00_3]
	TG348a	58.1	[EG0D00_3]
	E41/M48-M019-C	58.2	[EG0E00_3]
	E32/M61-F-316	58.9	[HV01_3]
	E45/M58-M	59.3	[PY_3]
	E42/M55-L	60.0	[PY_3]
	AG10_1.7	60.0	[PY_3]
	E49/M54-M003-C	60.2	[EG0E00_3]
	E49/M54-F-283	60.4	[EG0E00_3]
CD8	61.2 [EG0D00_3,HV01_3,YC_3,PY_3]		
	E36/M47-F-280	62.1	[HV01_3]
	P13/M47-F-103	62.5	[EG0T00_3]
	TG404	65.2	[EG0D00_3]
	E40/M60-F-233	66.0	[HV01_3]
	E40/M60-F-235	66.0	[HV01_3]
	TG542	66.4	[EG0T00_3]
	E36/M61-F-579	66.4	[HV01_3]
	E32/M49-M008-C	66.5	[EG0E00_3]
E32/M48-F-135	67.6 [EG0T00_3,HV01_3]		

	E33/M49-F-188	70.8	[EGOE00_3]
	TG22A	70.8	[EGOE00_3]
	CT225b	72.0	[EGOD00_3]
	E38/M61-F-79	72.0	[EGOD00_3]
	OPO20d	72.0	[EGOD00_3]
	E32/M48-M005-C	72.0	[EGOD00_3]
	EF	72.8	[EGOT00_3]
	PG154	72.8	[EGOD00_3]
	E38/M49-M009-C	72.8	[EGOD00_3]
	E49/M60-F-86	72.8	[EGOD00_3]
	E49/M62-M001-C	72.8	[EGOD00_3]
	PG105	72.8	[EGOD00_3]
E32/M49-F-201	72.8	[EGOD00_3,EGOE00_3]	
	E48/M48-F-103	73.5	[EGOE00_3]
	E41/M48-F-284	73.8	[HV01_3]
	E41/M48-M001-C	73.9	[EGOE00_3]
	E32/M49-M011-C	73.9	[EGOE00_3]
	E49/M54-M005-C	73.9	[EGOE00_3]
	E32/M61-M007-C	73.9	[EGOE00_3]
	E33/M49-M002-C	73.9	[EGOE00_3]
	E35/M48-F-200	74.3	[EGOE00_3]
E33/M61-F-291	75.1	[EGOD00_3,EGOE00_3]	
R15_0.4	75.2	[HV01_3,PY_3]	
E36/M47-F-206	75.3	[HV01_3,YC_3]	
	E42/M55-LA	75.8	[PY_3]
	E35/M48-M020-C	75.8	[EGOE00_3]
	E36/M52-C	75.9	[YC_3]
	E43/M53-F-289	75.9	[PY_3]
	O20_1.2c	76.1	[YC_3]
	E32/M47-F-393	76.1	[HV01_3]
	A03_1.3	76.2	[PY_3]
	aj03_0.8	76.2	[PY_3]
	E33/M49-F-277	76.2	[HV01_3]
	D11_0.6h	76.2	[HV01_3]
	P11_0.5	76.2	[HV01_3]
P16_0.35	76.2	[HV01_3,PY_3]	
	O20_1.2p	76.3	[PY_3]
E38/M61-M686	76.3	[YC_3,PY_3]	
	E37/M60-A	76.6	[PY_3]
	A13_1.2	76.7	[PY_3]
O07_0.75	77.0	[HV01_3,PY_3]	
P14/M62-F-571	77.1	[EGOT00_3,HV01_3]	
P14/M50-F-358	77.5	[EGOT00_3,HV01_3]	
	E40/M62-F-81	77.6	[HV01_3]
	E38/M60-F-99	77.6	[HV01_3]
	E38/M61-F-100	77.6	[HV01_3]
	E33/M48-F-370	77.6	[HV01_3]
	E49/M62-F-276	77.6	[EGOT00_3]
	TG223a	77.6	[EGOD00_3]
	TG366	77.6	[EGOD00_3]
	TG382b	77.6	[EGOD00_3]
	TG390	77.6	[EGOD00_3]
	TG433	77.6	[EGOD00_3]
	TG517	77.6	[EGOD00_3]
	TG564	77.6	[EGOD00_3]
	PG104	77.6	[EGOD00_3]
	Gpi-2	77.6	[EGOD00_3]
	E32/M49-M011-C	77.6	[EGOD00_3]
	E35/M61-F-492	77.6	[EGOD00_3]
	E38/M47-F-211	77.6	[EGOD00_3]
	E38/M49-M015-C	77.6	[EGOD00_3]
	E41/M49-F-80	77.6	[EGOD00_3]
	E41/M49-M008-C	77.6	[EGOD00_3]
	E48/M51-F-71	77.6	[EGOD00_3]
	E48/M51-M011-C	77.6	[EGOD00_3]
	E49/M47-F-133	77.6	[EGOD00_3]
	E49/M47-F-522	77.6	[EGOD00_3]
	E49/M48-M019-C	77.6	[EGOD00_3]

	E49/M51-F-203	77.6	[EGOD00_3]
	E49/M54-F-53	77.6	[EGOD00_3]
	E49/M54-M013-C	77.6	[EGOD00_3]
	E49/M54-M016-C	77.6	[EGOD00_3]
	E38/M49-F-117	77.6	[EGOD00_3]
P14/M59-F-276	77.6	[EGOT00_3,HV01_3]	
P14/M59-F-299	77.6	[EGOT00_3,HV01_3]	
	E43/M53-M286	77.7	[YC_3]
	E41/M48-F-280	77.7	[HV01_3]
	E49/M59-F-242	77.7	[EGOT00_3]
	E35/M48-F-298	77.7	[EGOT00_3]
	E32/M48-F-536	77.8	[HV01_3]
	P14/M50-F-89	77.8	[EGOT00_3]
	E38/M49-F-131	77.8	[EGOT00_3]
E35/M48-F-287	77.9	[EGOT00_3,HV01_3]	
	E49/M59-F-238	77.9	[EGOT00_3]
	E36/M60-F-111	77.9	[HV01_3]
	E40/M62-F-331	77.9	[HV01_3]
	E40/M47-F-222	77.9	[HV01_3]
	E38/M60-F-541	77.9	[HV01_3]
	P14/M50-F-123	77.9	[HV01_3]
	PG109L	77.9	[HV01_3]
	E35/M48-F-232	77.9	[HV01_3]
	E32/M48-F-152	77.9	[HV01_3]
	D13_0.45	77.9	[HV01_3]
E35/M48-F-290	78.0	[EGOT00_3,HV01_3]	
E35/M48-F-245	78.0	[EGOT00_3,HV01_3]	
	E49/M62-F-268	78.0	[EGOT00_3]
E41/M48-F-217	78.1	[EGOT00_3,HV01_3]	
	E40/M47-M027-C	78.2	[EGOE00_3]
	P11/M54-F-157	78.4	[EGOT00_3]
	E37/M62-JA	78.8	[PY_3]
	O07_1.3c	78.8	[YC_3]
	E32/M49-F-89	78.9	[EGOE00_3]
	E40/M55-M332	79.3	[PY_3]
TG130	80.1	[EGOD00_3,EGOE00_3,EGOT00_3,YC_3]	
TG066	81.8	[EGOT00_3,PY_3]	
	O20_1.2h	82.3	[HV01_3]
	AE01_0.1	82.8	[PY_3]
CT141A	84.5	[EGOD00_3,PY_3]	
	CT141b	84.5	[EGOD00_3]
E33/M61-F-119	84.8	[EGOE00_3,HV01_3]	
	E32/M49-F-98	85.9	[EGOE00_3]
	N09_0.65	86.2	[PY_3]
	M12_1.0	89.5	[PY_3]
	TG525	89.7	[EGOD00_3]
PG101	89.7	[EGOD00_3,HV01_3,YC_3,PY_3]	
	OH2	91.7	[EGOT00_3]
	E35/M48-F-215	91.7	[EGOE00_3]
	D11_0.6p	94.0	[PY_3]
E32/M49-F-133	94.4	[EGOE00_3,EGOT00_3,HV01_3]	
E38/M61-F-105	96.2	[EGOT00_3,PY_3]	
TG102	98.0	[EGOD00_3,EGOE00_3]	
	E49/M54-M006-C	98.0	[EGOD00_3]
	E40/M48-F-84	100.2	[HV01_3]
	E49/M60-F-232	100.9	[EGOT00_3]
E49/M60-F-233	103.0	[EGOD00_3,EGOT00_3]	
	U100a	103.0	[EGOD00_3]
	E40/M48-M083	104.9	[PY_3]
	ag11_1.6	105.6	[PY_3]
	P14/M59-F-90	106.5	[EGOT00_3]
	TG414	112.3	[PY_3]
TG74	112.5	[EGOD00_3,EGOE00_3,EGOT00_3,PY_3]	
	TG290a	117.4	[EGOD00_3]
	P11/M49-F-196	122.2	[EGOT00_3]
	E38/M49-F-224	128.2	[EGOD00_3]
	E38/M49-F-339	128.2	[EGOD00_3]
	PC7	128.2	[EGOD00_3]

E41/M49-F-89	128.7	E35/M61-F-106 [EGOT00_3, PY_3]	128.2 [EGOD00_3]
		E49/M51-M003-C	130.2 [EGOD00_3]
		E33/M48-M010-C	131.3 [EGOE00_3]
		TG251	135.3 [EGOD00_3]
CT063	135.6	[EGOT00_3, PY_3]	
		CD4	138.5 [EGOE00_3]
		TG134	140.1 [EGOD00_3]
		E38/M61-F-327	140.1 [EGOD00_3]
		TG359	143.7 [EGOD00_3]
		TG284	143.7 [EGOD00_3]
		PDS	149.7 [EGOE00_3]
TG152	157.2	[EGOD00_3, EGOE00_3, HV01_B]	
		TG417	158.6 [EGOE00_3]
		CT115	160.9 [EGOD00_3]
CT179	162.2	[EGOD00_3, EGOT00_3]	
TG244	162.2	[EGOD00_3, EGOE00_3]	

Chromosome 4

		CT224	0.0 [YC_4]
		TG498F	8.8 [YC_4]
AC10_0.3	20.8	[HV01_4, PY_4]	
		E38/M49-F-587	21.0 [HV01_4]
J04_1.2	24.1	[HV01_4, PY_4]	
R11_0.4	27.4	[HV01_4, PY_4]	
		E39/M49-M212	27.9 [PY_4]
		E37/M59-M243	28.2 [PY_4]
		P11/M49-F-237	28.2 [EGOT00_4]
		TG135E	28.2 [EGOE00_4]
		CT31Ec	29.4 [PY_4]
		E49/M51-F-76	32.0 [EGOT00_4]
		E45/M58-O	32.5 [PY_4]
		ai12_1.0	34.3 [PY_4]
		TG131	41.0 [YC_4]
TG132L	41.6	[EGOT00_4, HV01_4, YC_4, PY_4]	
		GC165	43.9 [PY_4]
		CT031Ec	45.6 [YC_4]
		PSY	46.4 [EGOE00_4]
		Q07_2.6	47.9 [PY_4]
		E42/M49-C	50.5 [PY_4]
		E33/M49-M014-C	51.3 [EGOE00_4]
		G03_0.8y	55.8 [YC_4]
P14/M50-F-121	56.5	[EGOT00_4, HV01_4]	
		E49/M59-F-109	57.2 [EGOT00_4]
		E49/M47-F-388	57.6 [EGOT00_4]
		E49/M62-M002-C	63.1 [EGOD00_4]
		U347	63.1 [EGOD00_4]
		TG583	63.1 [EGOD00_4]
E40/M48-M171	64.5	[YC_4, PY_4]	
		E38/M48-J	64.8 [PY_4]
		P14/M60-F-80	64.8 [EGOT00_4]
		E37/M54-M117	65.0 [PY_4]
		P11/M54-F-208	65.7 [EGOT00_4]
		E49/M62-F-391	65.7 [EGOT00_4]
		E32/M61-F-273	65.9 [EGOT00_4]
		P11/M54-F-198	66.0 [EGOT00_4]
		E45/M53-G	66.4 [PY_4]
		E40/M55-M126	66.5 [PY_4]
		E38/M48-K	66.5 [PY_4]
		P11/M54-F-76	66.5 [HV01_4]
E37/M54-M120	66.6	[YC_4, PY_4]	
		E37/M54-M539	66.6 [PY_4]
		E37/M59-M156	66.6 [PY_4]
		E41/M51-J	66.6 [PY_4]
		E36/M47-F-124	66.7 [HV01_4]
		E36/M55-F-124	66.7 [HV01_4]
E38/M61-F-124	66.7	[HV01_4, PY_4]	
E33/M61-F-335	66.8	[EGOE00_4, EGOT00_4]	

E35/M48-F-138	66.9 [EGOD00_4,EGOE00_4]	
	E33/M61-F-198	66.9 [EGOE00_4]
	E41/M48-F-54	66.9 [EGOE00_4]
	E41/M48-F-270	66.9 [EGOE00_4]
	E32/M61-F-260	66.9 [EGOE00_4]
	E49/M54-M015-C	66.9 [EGOE00_4]
	E35/M48-M004-C	66.9 [EGOE00_4]
	E48/M48-M007-C	66.9 [EGOE00_4]
	E32/M61-M013-C	66.9 [EGOE00_4]
	E41/M48-M008-C	66.9 [EGOE00_4]
	E48/M48-M011-C	66.9 [EGOE00_4]
	E40/M47-M015-C	66.9 [EGOE00_4]
	E35/M48-M012-C	66.9 [EGOE00_4]
	E49/M54-F-207	67.2 [EGOE00_4]
	E32/M49-F-195	67.4 [EGOE00_4]
	E41/M48-F-382	67.6 [EGOE00_4]
	P14/M59-F-76	68.0 [EGOT00_4]
	CD16b	69.1 [EGOD00_4]
	TG57	69.1 [EGOD00_4]
	TG110	69.1 [EGOD00_4]
	TG125d	69.1 [EGOD00_4]
	TG147	69.1 [EGOD00_4]
	TG193b	69.1 [EGOD00_4]
	TG223d	69.1 [EGOD00_4]
	TG324	69.1 [EGOD00_4]
	TG551	69.1 [EGOD00_4]
	PC1	69.1 [EGOD00_4]
	PG120a	69.1 [EGOD00_4]
	E32/M48-M007-C	69.1 [EGOD00_4]
	E33/M49-M007-C	69.1 [EGOD00_4]
	E38/M47-M012-C	69.1 [EGOD00_4]
	E38/M49-M003-C	69.1 [EGOD00_4]
	E38/M49-M007-C	69.1 [EGOD00_4]
	E38/M49-M023-C	69.1 [EGOD00_4]
	E38/M61-F-120	69.1 [EGOD00_4]
	E38/M61-M009-C	69.1 [EGOD00_4]
	E41/M49-F-196	69.1 [EGOD00_4]
	E48/M49-M022-C	69.1 [EGOD00_4]
	E48/M51-M010-C	69.1 [EGOD00_4]
	E48/M51-M026-C	69.1 [EGOD00_4]
	E49/M47-M020-C	69.1 [EGOD00_4]
	E49/M49-F-81	69.1 [EGOD00_4]
	E49/M51-F-257	69.1 [EGOD00_4]
	E49/M51-M010-C	69.1 [EGOD00_4]
	E49/M54-M028-C	69.1 [EGOD00_4]
	E49/M59-F-227	69.1 [EGOD00_4]
	E49/M59-M006-C	69.1 [EGOD00_4]
	U240a	69.1 [EGOD00_4]
	TG507	69.1 [EGOD00_4]
	I07_0.5	69.3 [HV01_4]
	E33/M61-M005-C	70.1 [EGOE00_4]
	E49/M54-F-215	70.2 [EGOE00_4]
	E33/M49-M010-C	70.2 [EGOE00_4]
	E41/M48-M006-C	70.2 [EGOE00_4]
TG208	71.3 [EGOD00_4,EGOE00_4]	
	Q07_1.0v	71.5 [HV01_4]
	E32/M61-M003-C	74.5 [EGOE00_4]
	E35/M48-F-59	75.3 [HV01_4]
	E41/M48-F-231	75.7 [EGOE00_4]
	TG272	84.4 [EGOD00_4]
	E32/M61-M010-C	85.6 [EGOE00_4]
CD055	86.3 [YC_4,PY_4]	
	TG065	88.2 [PY_4]
	E38/M61-M024-C	88.4 [EGOD00_4]
E38/M61-F-158	89.1 [EGOT00_4,YC_4,PY_4]	
	E32/M49-F-166	92.2 [EGOE00_4]
	TG574b	95.7 [EGOD00_4]
TG62	95.7 [EGOD00_4,EGOE00_4,EGOT00_4,PY_4]	

E38/M61-M168	95.8	[YC_4, PY_4]	
		E40/M49-F-344	97.4 [HV01_4]
		TG574c	100.4 [EGOD00_4]
		E41/M48-F-127	105.0 [EGOT00_4]
		E39/M49-M250	107.9 [PY_4]
		TG555	111.9 [EGOE00_4]
		E41/M49-M014-C	113.8 [EGOD00_4]
		CT106	116.6 [EGOT00_4]
E48/M49-F-270	121.4	[EGOD00_4, EGOT00_4]	
		E32/M48-M002-C	121.4 [EGOD00_4]
		P13/M50-F-157	125.1 [EGOT00_4]
		O02_0.55	125.5 [PY_4]
		CT50	128.2 [EGOE00_4]
		P14/M47-F-67	131.3 [EGOT00_4]
		GGPPS	134.2 [EGOE00_4]
		E49/M49-F-129	135.0 [EGOT00_4]
CD62A	140.9	[EGOD00_4, EGOT00_4]	
		R302	140.9 [EGOD00_4]
		CD39b	140.9 [EGOD00_4]
TG22B	141.0	[EGOD00_4, EGOE00_4]	
		R313	141.0 [EGOD00_4]
		E33/M49-M009-C	141.0 [EGOD00_4]
		CT239E	141.1 [EGOE00_4]
		E49/M60-F-175	141.1 [EGOD00_4]
		CT253a	141.1 [EGOD00_4]
TG498H	141.1	[EGOD00_4, PY_4]	
TG587	141.2	[EGOD00_4, EGOE00_4]	
		TG37	149.1 [EGOD00_4]

Chromosome 5

		TG153	0.0 [EGOD00_5]
		TG174c	8.6 [EGOD00_5]
		TG51c	8.6 [EGOD00_5]
		E32/M61-F-179	10.6 [HV01_5]
		E33/M49-F-81	12.9 [HV01_5]
		TG314c	15.0 [EGOD00_5]
		TG609	15.0 [EGOD00_5]
		TG215c	15.0 [EGOD00_5]
		E41/M62-F-199	22.2 [HV01_5]
		E41/M62-F-198	22.2 [HV01_5]
		E42/M55-F	39.1 [PY_5]
		E41/M48-F-116	41.5 [EGOT00_5]
TG123	42.5	[EGOD00_5, EGOE00_5]	
		E36/M60-F-306	44.4 [HV01_5]
		TG211	45.4 [PY_5]
		E40/M62-F-59	47.8 [HV01_5]
TG123Y	48.5	[HV01_5, YC_5]	
		E42/M55-O	52.0 [PY_5]
		E31/M58-M249	53.9 [YC_5]
		PG192	55.2 [EGOD00_5]
		N15_1.0	56.0 [HV01_5]
		E36/M47-F-362	56.5 [HV01_5]
E38/M61-F-139	56.8	[EGOT00_5, HV01_5, YC_5, PY_5]	
		TG586	57.1 [PY_5]
		E49/M47-F-180	57.6 [EGOT00_5]
		TG367A	58.5 [EGOE00_5]
		E32/M61-F-83	59.0 [HV01_5]
		E41/M61-F-259	59.2 [HV01_5]
E43/M53-F-160	59.8	[YC_5, PY_5]	
		E35/M48-M007-C	61.5 [EGOE00_5]
		E33/M61-F-482	62.3 [EGOT00_5]
		E49/M54-M013-C	62.8 [EGOE00_5]
		E49/M59-F-110	63.7 [EGOD00_5]
		E40/M47-F-207	64.1 [HV01_5]
		AE10_.5h	64.4 [HV01_5]
		E48/M49-M018-C	67.1 [EGOD00_5]
		E32/M61-M008-C	68.9 [EGOE00_5]
		R08_1.9	69.2 [PY_5]

		GP25	69.3	[EG0T00_5]
		E36/M47-M172	69.8	[YC_5]
		E43/M53-F-145	69.9	[YC_5]
		TG20	70.6	[EG0T00_5]
		A17_.65y	71.6	[YC_5]
		GC015	71.9	[HV01_5]
		E41/M51-H	71.9	[PY_5]
		H05_1.3c	72.1	[YC_5]
E38/M61-F-221	72.1	[EG0T00_5,HV01_5,YC_5,PY_5]		
		E31/M55-M267	72.3	[YC_5]
		E36/M47-F-172	72.3	[HV01_5]
		E33/M53-F-208	72.4	[PY_5]
		E36/M52-M219	72.9	[YC_5]
		F05_1.2	73.2	[HV01_5]
E38/M61-F-250	73.5	[EG0T00_5,HV01_5,YC_5,PY_5]		
		P14/M61-F-96	73.5	[EG0T00_5]
		E36/M58-M200	73.6	[YC_5]
		ag02_1.3	73.7	[PY_5]
		P14/M59-F-438	73.8	[HV01_5]
		E36/M47-F-183	73.8	[HV01_5]
		E32/M49-F-247	73.8	[HV01_5]
		E36/M55-F-68	73.8	[HV01_5]
		E36/M59-F-154	73.8	[HV01_5]
		E32/M47-F-519	73.8	[HV01_5]
		E32/M47-F-524	73.8	[HV01_5]
		E36/M47-F-258	73.8	[HV01_5]
		E40/M62-F-399	73.8	[HV01_5]
		E36/M61-F-151	73.8	[HV01_5]
		E36/M60-F-212	73.8	[HV01_5]
		E40/M60-F-106	73.8	[HV01_5]
		E41/M60-F-256	73.8	[HV01_5]
		E33/M48-F-94	73.8	[HV01_5]
		E38/M60-F-168	73.8	[HV01_5]
		H05_1.3	73.9	[HV01_5]
		E39/M48-H	73.9	[PY_5]
		E36/M47-M183	74.0	[YC_5]
		E41/M55-B	74.0	[YC_5]
E38/M61-F-216	74.2	[HV01_5,PY_5]		
		E49/M54-M001<N>	74.3	[EG0T00_5]
CT155	74.3	[EG0D00_5,EG0E00_5]		
E38/M61-F-200	74.3	[EG0T00_5,HV01_5,YC_5,PY_5]		
P11/M49-F-141	74.4	[EG0T00_5,HV01_5]		
		E36/M52-A	74.4	[YC_5]
		P14/M47-F-332	74.6	[EG0T00_5]
E41/M48-F-153	74.6	[EG0E00_5,EG0T00_5,HV01_5]		
		E36/M47-M258	75.2	[YC_5]
		E31/M58-M219	75.3	[YC_5]
		E38/M61-M295	75.4	[YC_5]
		TG363	76.4	[EG0D00_5]
		R326a	76.4	[EG0D00_5]
		TG329	76.4	[EG0D00_5]
		E32/M49-M013-C	76.4	[EG0D00_5]
		E32/M49-M021-C	76.4	[EG0D00_5]
		E32/M49-M022-C	76.4	[EG0D00_5]
		E33/M49-M002-C	76.4	[EG0D00_5]
		E35/M61-M003-C	76.4	[EG0D00_5]
		E38/M47-F-314	76.4	[EG0D00_5]
		E38/M49-F-192	76.4	[EG0D00_5]
		E38/M49-F-293	76.4	[EG0D00_5]
		E38/M49-M014-C	76.4	[EG0D00_5]
		E38/M61-F-178	76.4	[EG0D00_5]
		E38/M61-M017-C	76.4	[EG0D00_5]
		E41/M49-F-508	76.4	[EG0D00_5]
		E48/M49-F-286	76.4	[EG0D00_5]
		E48/M49-M016-C	76.4	[EG0D00_5]
		E48/M49-M019-C	76.4	[EG0D00_5]
		E48/M51-F-138	76.4	[EG0D00_5]
		E48/M51-M021-C	76.4	[EG0D00_5]

		E48/M51-M023-C	76.4	[EGOD00_5]
		E49/M47-M021-C	76.4	[EGOD00_5]
		E49/M49-M024-C	76.4	[EGOD00_5]
		E49/M54-M023-C	76.4	[EGOD00_5]
		R326b	76.4	[EGOD00_5]
		CD64a	76.4	[EGOD00_5]
		E35/M48-F-212	76.4	[HV01_5]
		E35/M48-F-211	76.4	[HV01_5]
E41/M49-F-139	76.5	[EGOT00_5, PY_5]		
		E41/M60-F-172	76.6	[HV01_5]
		E32/M61-F-414	76.6	[HV01_5]
		E36/M48-F-156	76.6	[HV01_5]
B04_0.45	76.6	[HV01_5, PY_5]		
E33/M49-F-204	76.6	[EGOD00_5, EG0E00_5]		
		E33/M48-F-130	76.8	[EG0E00_5]
		E41/M48-F-223	76.9	[EG0E00_5]
		CT094D	76.9	[HV01_5]
		E33/M61-F-405	77.0	[EG0E00_5]
		E32/M61-F-288	77.2	[EG0E00_5]
		E41/M48-M010-C	77.2	[EG0E00_5]
		E48/M48-M016-C	77.2	[EG0E00_5]
		E32/M61-M017-C	77.2	[EG0E00_5]
		E37/M62-L	77.2	[PY_5]
		E41/M48-F-180	77.3	[EGOT00_5]
		E48/M48-M006-C	77.3	[EG0E00_5]
		E48/M48-F-102	77.3	[EG0E00_5]
		E32/M49-M020-C	77.3	[EG0E00_5]
		E32/M49-M024-C	77.3	[EG0E00_5]
		E49/M54-M012-C	77.3	[EG0E00_5]
		E32/M49-F-49	77.4	[EG0E00_5]
		E48/M48-M001-C	77.4	[EG0E00_5]
		P14/M61-F-66	77.4	[EGOT00_5]
		P11/M49-F-207	77.8	[EGOT00_5]
		E49/M60-F-73	77.8	[EGOT00_5]
E32/M49-F-575	78.3	[EGOD00_5, EG0E00_5]		
		E41/M60-F-171	78.4	[HV01_5]
		E32/M61-F-109	79.0	[EG0E00_5]
		E48/M48-M005-C	81.4	[EG0E00_5]
		E32/M49-M013-C	81.7	[EG0E00_5]
		E42/M55-H	84.3	[PY_5]
		E38/M49-F-174	84.5	[HV01_5]
		E38/M49-F-143	84.5	[HV01_5]
		E38/M61-M027-C	85.4	[EGOD00_5]
		ai12_1.3	85.6	[PY_5]
		E33/M61-M015-C	86.7	[EGOD00_5]
		E49/M59-M004-C	86.7	[EGOD00_5]
		TG358	86.7	[EGOD00_5]
		E49/M47-F-193	86.7	[EGOD00_5]
		E49/M54-M019-C	86.7	[EGOD00_5]
		E32/M48-F-558	86.7	[EGOD00_5]
		E33/M48-F-377	87.8	[EG0E00_5]
		E36/M55-F-148	88.4	[HV01_5]
		E42/M58-D	88.5	[PY_5]
		OPJ6-1800	88.8	[EGOT00_5]
		E49/M54-M008-C	91.9	[EG0E00_5]
E35/M48-F-101A	94.4	[EG0E00_5, HV01_A]		
		E40/M47-M009-C	94.4	[EG0E00_5]
		E32/M61-F-341	94.4	[EG0E00_5]
		E35/M48-F-252	94.4	[EG0E00_5]
		E49/M54-M010-C	94.4	[EG0E00_5]
E49/M54-F-110	94.5	[EGOD00_5, EG0E00_5]		
		E49/M47-F-398	94.6	[EGOT00_5]
		CT80A	95.0	[YC_5]
		E38/M49-F-301	95.2	[EGOD00_5]
		TG351	95.2	[EGOD00_5]
		E41/M48-M016-C	95.8	[EG0E00_5]
E35/M48-F-475	95.8	[EG0E00_5, HV01_5]		
TG419	95.9	[EGOD00_5, EG0E00_5]		

		TG060L	102.0 [HV01_5]
		P13/M47-F-146	103.0 [EGOT00_5]
		E41/M48-M021-C	103.3 [EGOE00_5]
		P14/M61-F-261	110.2 [EGOT00_5]
CD74E	114.4	[EGOE00_5,EGOT00_5]	
		TG23	114.9 [EGOD00_5]
		TG557T	117.1 [EGOT00_5]
		E40/M47-F-205	118.2 [HV01_5]
		E32/M49-F-113	120.7 [EGOT00_5]
		E36/M55-F-164	122.5 [HV01_5]
		TG69a	145.3 [EGOD00_5]

Chromosome 6

		E39/M48-D	0.0 [PY_6]
		A13_1.8	1.6 [PY_6]
P13/M50-F-293	1.7	[EGOT00_6,HV01_6]	
		E33/M49-F-233	2.6 [EGOT00_6]
		E33/M49-M013-C	5.1 [EGOE00_6]
		A07_0.5c	6.3 [YC_6]
		E39/M48-L	6.6 [PY_6]
		aj03_1.9	7.2 [PY_6]
		E32/M49-F-424	7.5 [EGOD00_6]
		E32/M61-M011-C	8.3 [EGOE00_6]
		E49/M51-F-260	11.8 [EGOT00_6]
		E32/M49-M005-C	12.1 [EGOE00_6]
		q18_1.0	12.8 [PY_6]
E49/M51-F-183	15.4	[EGOD00_6,EGOT00_6]	
		E40/M55-M210	16.3 [PY_6]
		CD127e	16.4 [EGOD00_6]
E33/M61-F-236	17.4	[EGOD00_6,EGOE00_6,EGOT00_6,HV01_6]	
		E41/M60-F-350	18.8 [HV01_6]
		T11_0.3	19.2 [PY_6]
		P14/M50-F-97	19.4 [EGOT00_6]
		E39/M48-E	22.1 [PY_6]
		E41/M62-F-260	22.2 [HV01_6]
		E41/M48-F-202	22.4 [HV01_6]
		E36/M61-F-242	22.4 [HV01_6]
		at12_1.0	22.6 [PY_6]
		E45/M53-E	23.6 [PY_6]
		E42/M55-Q	24.2 [PY_6]
		E42/M55-E	24.4 [PY_6]
		E37/M59-M209	25.3 [PY_6]
		E41/M48-F-82	25.5 [EGOE00_6]
		ai09_1.4	26.5 [PY_6]
		E43/M53-F-469	26.5 [PY_6]
		E41/M51-P	26.5 [PY_6]
		PG151EPG151a	26.8 [EGOT00_6]
		E32/M47-F-555	27.0 [HV01_6]
		E36/M60-F-413	27.2 [HV01_6]
F16_1.3	27.2	[HV01_6,PY_6]	
		P13/M47-F-107	27.6 [EGOT00_6]
		E42/M49-B	27.7 [PY_6]
		E40/M48-M111	28.8 [PY_6]
		OPA12-1700	29.0 [EGOT00_6]
		GC017	29.6 [PY_6]
		E33/M49-F-219	30.5 [EGOE00_6]
		P14/M61-F-283	31.1 [EGOT00_6]
E41/M49-F-92	31.3	[EGOT00_6,PY_6]	
		E49/M60-F-108	31.4 [EGOT00_6]
P11/M54-F-135	31.4	[EGOT00_6,HV01_6]	
E38/M49-F-92	31.5	[EGOT00_6,HV01_6]	
		E36/M49-F-137	31.5 [HV01_6]
P11/M54-F-134	31.6	[EGOT00_6,HV01_6]	
		E35/M48-M001-C	31.6 [EGOE00_6]
		E36/M48-F-410	31.6 [HV01_6]
		q18_0.5	32.1 [PY_6]
		E39/M49-M231	32.4 [PY_6]
		E45/M58-B	32.4 [PY_6]

	E39/M48-O	32.4	[PY_6]
	P14/M47-F-116	32.4	[EGOT00_6]
	E38/M60-F-155	32.5	[HV01_6]
	E41/M61-F-87	32.5	[HV01_6]
	P14/M50-F-234	32.5	[HV01_6]
	E36/M48-F-563	32.5	[HV01_6]
	PG151E	32.5	[PY_6]
	R11_2.9	32.6	[PY_6]
	AE04_2.3	32.6	[PY_6]
	q14_0.93	32.7	[PY_6]
	PG274	32.7	[EGOD00_6]
	E49/M60-M012-C	32.7	[EGOD00_6]
	CD186e	32.7	[EGOD00_6]
PG108	32.7 [EGOD00_6, YC_6, PY_6]		
	E39/M49-M173	32.9	[PY_6]
	E37/M60-B	33.0	[PY_6]
	E35/M61-M154	33.1	[PY_6]
	E45/M53-A	33.3	[PY_6]
	E35/M61-F-540	33.3	[PY_6]
	E41/M51-R	33.4	[PY_6]
	E33/M53-F-207	33.4	[PY_6]
	E48/M48-M002<N>	33.4	[EGOT00_6]
	Q14_0.9	33.6	[PY_6]
E38/M61-F-246	33.7 [EGOT00_6, PY_6]		
	P11/M54-F-458	33.9	[EGOT00_6]
	E36/M59-F-78	34.1	[HV01_6]
	E36/M48-F-90	34.1	[HV01_6]
	E40/M55-M555	34.2	[PY_6]
	E40/M60-F-51	34.2	[HV01_6]
	P14/M59-F-154	34.2	[HV01_6]
	E33/M48-F-136	34.3	[EGOE00_6]
	P14/M50-F-268	34.3	[HV01_6]
	P11_0.6	34.3	[HV01_6]
	E33/M48-F-409	34.3	[HV01_6]
	E33/M61-F-388	34.4	[HV01_6]
	E41/M62-F-257	34.4	[HV01_6]
	N09_0.7	34.5	[PY_6]
E49/M54-F-233	34.6 [EGOD00_6, EGOE00_6]		
	E41/M48-F-424	34.8	[EGOE00_6]
	E33/M61-M017-C	34.8	[EGOE00_6]
	E33/M48-F-339	34.9	[EGOE00_6]
	E41/M48-M015-C	34.9	[EGOE00_6]
	E33/M48-M009-C	34.9	[EGOE00_6]
	E40/M47-M008-C	34.9	[EGOE00_6]
	E33/M49-F-144	34.9	[EGOE00_6]
	E49/M54-M006-C	34.9	[EGOE00_6]
	E35/M48-M019-C	34.9	[EGOE00_6]
	E33/M61-M014-C	34.9	[EGOE00_6]
E33/M49-F-357	34.9 [EGOD00_6, EGOE00_6]		
E33/M49-F-167	34.9 [EGOD00_6, EGOE00_6]		
E33/M61-F-171	35.0 [EGOE00_6, EGOT00_6]		
	E35/M48-F-127	35.0	[EGOE00_6]
	E32/M61-F-321	35.0	[EGOE00_6]
	E32/M48-F-109	35.1	[EGOT00_6]
	OPA7-450	35.1	[EGOT00_6]
	E49/M62-F-304	35.1	[EGOT00_6]
E35/M48-F-117	35.1 [EGOE00_6, EGOT00_6, HV01_6]		
	E41/M62-F-396	35.2	[HV01_6]
	E32/M49-M002-C	35.2	[EGOE00_6]
	E49/M54-M002-C	35.2	[EGOE00_6]
E35/M48-F-111	35.2 [EGOT00_6, HV01_6]		
	E37/M60-I	35.3	[PY_6]
	P11/M54-F-151	35.5	[HV01_6]
	TG16d	35.6	[EGOD00_6]
	TG25	35.6	[EGOD00_6]
	TG55c	35.6	[EGOD00_6]
	TG118	35.6	[EGOD00_6]
	PG151a	35.6	[EGOD00_6]

	E32/M48-F-241	35.6	[EGOD00_6]
	E32/M49-F-140	35.6	[EGOD00_6]
	E32/M49-M002-C	35.6	[EGOD00_6]
	E33/M61-F-69	35.6	[EGOD00_6]
	E33/M61-M019-C	35.6	[EGOD00_6]
	E35/M48-M001-C	35.6	[EGOD00_6]
	E35/M61-F-247	35.6	[EGOD00_6]
	E38/M49-M021-C	35.6	[EGOD00_6]
	E41/M49-M003-C	35.6	[EGOD00_6]
	E48/M51-F-460	35.6	[EGOD00_6]
	E48/M51-M012-C	35.6	[EGOD00_6]
	E48/M51-M013-C	35.6	[EGOD00_6]
	E49/M47-M002-C	35.6	[EGOD00_6]
	E49/M48-F-184	35.6	[EGOD00_6]
	E49/M51-M009-C	35.6	[EGOD00_6]
	E49/M54-M027-C	35.6	[EGOD00_6]
	E49/M60-M004-C	35.6	[EGOD00_6]
	E49/M62-F-501	35.6	[EGOD00_6]
	E49/M62-M009-C	35.6	[EGOD00_6]
	E49/M62-M021-C	35.6	[EGOD00_6]
	CT146c	35.6	[EGOD00_6]
	F12_1.3	36.3	[PY_6]
	TG153E	36.5	[EGOE00_6]
	P14/M50-F-132	36.5	[HV01_6]
P13/M47-F-85	37.2	[EGOT00_6,HV01_6]	
	C02_.75c	38.1	[YC_6]
TG232	38.1	[EGOD00_6,EGOE00_6]	
	at12_0.8	38.3	[PY_6]
	E41/M49-F-96	38.5	[YC_6]
	E36/M58-C	39.0	[YC_6]
	E43/M53-F-202	39.0	[YC_6]
	E42/M55-N	39.9	[PY_6]
	P11/M49-F-51	40.1	[HV01_6]
	E36/M58-B	40.5	[YC_6]
	E35/M61-M010-C	40.8	[EGOD00_6]
	P11/M49-F-198	42.1	[EGOT00_6]
	E36/M52-F	43.4	[YC_6]
	E31/M55-A	44.5	[YC_6]
	P14/M47-F-205	44.6	[EGOT00_6]
	E49/M49-F-293	45.1	[EGOT00_6]
	E37/M54-M134	45.9	[PY_6]
	CT184	47.3	[EGOE00_6]
	E32/M49-M017-C	47.5	[EGOD00_6]
	E42/M55-D	47.9	[PY_6]
	E40/M47-M013-C	49.5	[EGOE00_6]
	E37/M60-H	49.6	[PY_6]
	E38/M61-F-438	52.4	[YC_6]
	E49/M62-M012-C	52.8	[EGOD00_6]
	E41/M54-A	54.1	[YC_6]
	C02_0.8y	54.2	[YC_6]
	E41/M55-A	58.2	[YC_6]
	T16_1.6v	61.5	[HV01_6]
	TG54	63.1	[EGOD00_6]
	E49/M60-M007-C	66.5	[EGOD00_6]
	TG240	66.5	[EGOD00_6]
CD25A	66.5	[EGOD00_6,EGOE00_6,EGOT00_6,YC_6,PY_6]	
	E37/M59-M831	71.9	[PY_6]
	E38/M49-F-344	73.6	[EGOD00_6]
	E49/M59-F-172	73.6	[EGOD00_6]
	P14/M62-F-465	77.5	[EGOT00_6]
	E41/M49-F-240	78.4	[EGOT00_6]
	E37/M62-IB	78.7	[PY_6]
	T16_1.6y	80.0	[PY_6]
	TG46H	81.0	[PY_6]
	E49/M51-F-425	82.4	[EGOD00_6]
	E49/M51-M002-C	82.4	[EGOD00_6]
	E39/M48-G	82.9	[PY_6]
	E36/M59-F-383	84.2	[HV01_6]

		E36/M59-F-380	84.3 [HV01_6]
		CT204	84.9 [PY_6]
		E33/M49-M005-C	87.0 [EG0E00_6]
		E42/M58-G	88.6 [PY_6]
		E42/M58-F	90.4 [PY_6]
		E40/M49-F-247	90.8 [HV01_6]
PG159A	90.9	[EG0D00_6,EG0E00_6]	
		P11/M49-F-153	91.7 [HV01_6]
TG365	92.0	[EG0D00_6,EG0E00_6]	
		E37/M62-E	94.8 [PY_6]
		E33/M49-M003-C	96.2 [EG0D00_6]
		TG253a	96.2 [EG0D00_6]
		E37/M62-G	97.2 [PY_6]
		E49/M62-F-222	99.8 [EG0T00_6]
		E37/M62-H	100.6 [PY_6]
		TG253b	100.8 [EG0D00_6]
		TG42	100.8 [EG0D00_6]
		aj03_1.6	100.9 [PY_6]
FK	102.7	[EG0E00_6,EG0T00_6]	
		E37/M62-F	104.6 [PY_6]
GC002	104.8	[HV01_6,PY_6]	
		E45/M53-J	106.3 [PY_6]
		TG36H	107.4 [PY_6]
		TG156	110.5 [EG0D00_6]
		TG162	110.5 [EG0D00_6]
		TG552	110.5 [EG0D00_6]
		R11_0.9H	111.7 [PY_6]
		E48/M48-F-204	113.3 [EG0E00_6]
CT107	117.4	[EG0D00_6,EG0E00_6,EG0T00_6]	
		TG578	117.4 [EG0D00_6]
		TG275	117.4 [EG0D00_6]
		CT109	117.4 [EG0D00_6]
		TG279	123.2 [EG0E00_6]
		PG262b	123.2 [EG0D00_6]
		P13/M47-F-304	126.4 [EG0T00_6]
		TG314	130.5 [EG0E00_6]
		TG253	134.3 [EG0T00_6]
		TG115	137.8 [EG0D00_6]
		TG193a	137.8 [EG0D00_6]
		TG558	137.8 [EG0D00_6]
		E32/M48-M003-C	137.8 [EG0D00_6]
		TG220a	137.8 [EG0D00_6]

Chromosome 7a

		E49/M62-F-149	0.0 [EG0D00_7]
		E48/M51-F-378	10.6 [EG0D00_7]
		E41/M48-M022-C	22.0 [EG0E00_7]
		E35/M61-F-174	27.9 [EG0D00_7]
		E35/M61-F-107	27.9 [EG0D00_7]
		E32/M61-M015-C	32.8 [EG0E00_7]
		E48/M48-M012-C	33.8 [EG0E00_7]
		E33/M49-M015-C	36.7 [EG0E00_7]
		E48/M49-M013-C	38.8 [EG0D00_7]
		E49/M60-M001-C	38.8 [EG0D00_7]
E32/M49-F-332	41.0	[EG0D00_7,EG0E00_7]	
E35/M48-F-480	42.6	[EG0D00_7,EG0E00_7]	
		E33/M48-M004-C	42.6 [EG0E00_7]
		E32/M49-F-386	42.6 [EG0E00_7]
		E40/M47-M026-C	42.6 [EG0E00_7]
		E32/M61-M018-C	42.6 [EG0E00_7]
		E35/M48-M003-C	42.6 [EG0E00_7]
		E40/M47-M020-C	42.6 [EG0E00_7]
		E35/M48-M023-C	42.8 [EG0E00_7]
		E49/M54-F-434	43.1 [EG0D00_7]
		E49/M59-F-140	43.1 [EG0D00_7]
		CD64b	43.1 [EG0D00_7]
		CT135	43.1 [EG0D00_7]
		TG161b	43.1 [EG0D00_7]

		TG191	43.1	[EGOD00_7]
		TG651b	43.1	[EGOD00_7]
		PG151b	43.1	[EGOD00_7]
		PG242	43.1	[EGOD00_7]
		E33/M49-M017-C	43.1	[EGOD00_7]
		E35/M48-M003-C	43.1	[EGOD00_7]
		E35/M61-F-429	43.1	[EGOD00_7]
		E35/M61-F-66	43.1	[EGOD00_7]
		E38/M49-F-222	43.1	[EGOD00_7]
		E38/M49-F-98	43.1	[EGOD00_7]
		E48/M51-F-80	43.1	[EGOD00_7]
		E49/M47-M011-C	43.1	[EGOD00_7]
		E49/M48-F-51	43.1	[EGOD00_7]
		E49/M51-F-455	43.1	[EGOD00_7]
		OPA20	43.1	[EGOD00_7]
		E49/M48-F-316	43.1	[EGOD00_7]
		E32/M49-M014-C	44.5	[EGOE00_7]
		E32/M61-F-126	44.5	[EGOE00_7]
		E40/M47-M025-C	44.5	[EGOE00_7]
CD54	45.6	[EGOD00_7,EGOE00_7]		
		E49/M51-F-394	48.5	[EGOD00_7]
		CT188	48.5	[EGOD00_7]
		TG125g	48.5	[EGOD00_7]
		E41/M49-F-56_F	48.5	[EGOD00_7]
		E48/M51-M015-C	48.5	[EGOD00_7]
		E38/M47-F-287	48.5	[EGOD00_7]
		E41/M49-F-143	55.6	[EGOD00_7]
		E33/M49-M012-C	55.8	[EGOE00_7]
		E33/M48-F-521	55.8	[EGOE00_7]
		E33/M49-M018-C	55.8	[EGOE00_7]
		CD27	61.4	[EGOE00_7]
		TG188a	65.4	[EGOD00_7]
		TG309	65.4	[EGOD00_7]
TG128	73.9	[EGOD00_7,EGOE00_7]		
		E38/M49-F-90	78.3	[EGOD00_7]
		E33/M49-M004-C	87.8	[EGOE00_7]
		CD79	94.9	[EGOD00_7]
		TG572	94.9	[EGOD00_7]
		TG639	94.9	[EGOD00_7]
TG216	101.4	[EGOD00_7,EGOE00_7]		
		TG199	110.7	[EGOD00_7]
		TG499	118.2	[EGOD00_7]
		CT195	118.2	[EGOD00_7]
		PG159b	140.3	[EGOD00_7]
		TG183	149.5	[EGOD00_7]
		E49/M60-F-106	171.7	[EGOD00_7]
		CT255	171.7	[EGOD00_7]
		CD74	189.4	[EGOD00_7]
		E35/M61-F-308	212.1	[EGOD00_7]
		E33/M61-F-275	212.1	[EGOD00_7]
Chromosome 7b				
		E39/M48-K2	0.0	[PY_7]
		P11_0.8	1.3	[PY_7]
		E38/M61-F-305	2.5	[HV01_7]
		E41/M49-F-465	3.5	[HV01_7]
		I07_1.4	9.9	[PY_7]
		E38/M49-F-328	15.7	[HV01_7]
		P11/M49-F-91	15.8	[HV01_7]
		P15_1.3	17.9	[PY_7]
		P11/M54-F-576	19.2	[HV01_7]
		E33/M49-F-88	21.9	[HV01_7]
PG140	31.2	[HV01_7,PY_7]		
		D05_1.0	31.4	[PY_7]
		P03_1.2	36.9	[HV01_7]
		CT135H	38.1	[PY_7]
		E40/M60-F-131	41.7	[HV01_7]
		Q05_0.7	42.7	[PY_7]
AF14_1.1	44.1	[YC_7,PY_7]		

		Q04_0.3	44.6 [PY_7]
		E42/M55-P	46.7 [PY_7]
		E42/M55-M	48.1 [PY_7]
		E39/M49-M193	48.8 [PY_7]
		an05_0.5	48.9 [PY_7]
		E40/M48-M248	50.0 [PY_7]
		TG174	52.0 [PY_7]
		E36/M60-F-239	53.9 [HV01_7]
		E38/M61-F-182	53.9 [HV01_7]
		E35/M61-M190	54.1 [PY_7]
		E39/M49-M178	55.4 [PY_7]
		P14/M59-F-238	55.9 [EGOT00_7]
		E38/M48-D	56.3 [PY_7]
		E42/M55-R	56.5 [PY_7]
E38/M61-F-101	56.6	[EGOT00_7, PY_7]	
		E49/M51-F-59	56.7 [EGOT00_7]
		P14/M47-F-213	57.1 [EGOT00_7]
		E42/M49-D	57.5 [PY_7]
		AE11_0.7	58.8 [PY_7]
P14/M50-F-88	58.9	[EGOT00_7, HV01_7]	
		E39/M49-M225	59.6 [PY_7]
		H44/M37-M385	61.1 [PY_7]
		E41/M61-F-140	61.4 [HV01_7]
		E36/M47-F-143	61.6 [HV01_7]
		MPG003	63.1 [PY_7]
		E37/M59-M313	63.9 [PY_7]
		E36/M49-F-184	66.0 [HV01_7]
		E49/M60-F-152	69.3 [EGOT00_7]
		AE07_1.0	69.3 [PY_7]
		aj02_0.6	71.2 [PY_7]
		E36/M60-F-246	74.6 [HV01_7]
		E32/M49-F-112	74.6 [HV01_7]
		E40/M55-M359	77.9 [PY_7]
E41/M49-F-215	87.8	[EGOT00_7, HV01_7, PY_7]	
		E39/M48-K1	100.6 [PY_7]
		P14/M62-F-341	106.0 [EGOT00_7]
		E35/M61-F-157	108.0 [PY_7]
		P14/M47-F-112	109.5 [EGOT00_7]
		E48/M49-F-204	110.5 [EGOT00_7]
		P13/M47-F-81	111.7 [EGOT00_7]
		CT100A	120.1 [HV01_7]
		E36/M47-F-336	120.1 [HV01_7]
		q13_1.0	125.0 [PY_7]

Chromosome 8

		P13/M47-F-361	0.0 [HV01_8A]
		TG624	0.8 [EGOD00_8]
CD7	0.8	[EGOD00_8, EGOE00_8]	
		E40/M47-F-225	3.2 [HV01_8A]
		P11/M49-F-250	4.2 [HV01_8A]
		E38/M49-F-123	4.2 [HV01_8A]
		AF04_0.6	4.3 [HV01_8A]
		TG385	5.2 [EGOD00_8]
		CD19	5.2 [EGOD00_8]
		E33/M61-F-145	5.3 [HV01_8A]
		E40/M48-F-363	5.6 [HV01_8A]
		E32/M48-F-320	9.4 [EGOT00_8]
		E33/M48-M008-C	10.1 [EGOE00_8]
		E32/M61-F-298	10.2 [HV01_8A]
		E33/M49-F-246	10.4 [EGOE00_8]
		E33/M48-M005-C	11.0 [EGOE00_8]
		pN18C	11.0 [EGOT00_8]
		P17_0.7	13.3 [HV01_8A]
		P13/M50-F-133	17.2 [HV01_8A]
		TG330	18.7 [EGOD00_8]
		E38/M47-M002-C	18.7 [EGOD00_8]

	E33/M61-M001-C	21.0	[EGOE00_8]
	P14/M50-F-150	21.2	[EGOT00_8]
	P14/M62-F-468	24.8	[EGOT00_8]
	P13/M50-F-387	24.8	[EGOT00_8]
	P13/M50-F-409	25.0	[EGOT00_8]
	E32/M49-F-532	26.0	[EGOT00_8]
	E36/M48-F-332	28.8	[HV01_8A]
	P18/M47-F-291<N>	32.7	[HV01_8A]
TG510	35.2 [EGOD00_8,EGOE00_8,EGOT00_8]		
	P14/M50-F-71	38.3	[HV01_8A]
E33/M48-F-176	41.3 [EGOE00_8,HV01_8A]		
	E32/M48-F-122	45.8	[HV01_8A]
	E49/M54-F-99	49.4	[EGOT00_8]
	CT28	51.2	[EGOD00_8]
P14/M50-F-114	54.8 [EGOT00_8,HV01_8A]		
TG370L	57.9 [EGOD00_8,HV01_8A]		
	E33/M49-F-353	59.3	[EGOE00_8]
	TG434a	60.3	[EGOD00_8]
	TG45	60.3	[EGOD00_8]
	TG434b	60.3	[EGOD00_8]
TG496	60.7 [HV01_8A,PY_8]		
CT252	60.8 [EGOD00_8,EGOT00_8,HV01_8A]		
TG294	62.2 [EGOD00_8,EGOE00_8,EGOT00_8]		

Chromosome 9

	E35/M48-M010-C	0.0	[EGOE00_9]
	TG225	5.8	[EGOE00_9]
CT143	10.0 [EGOD00_9,EGOE00_9]		
TG9	16.8 [EGOD00_9,EGOT00_9]		
	E33/M61-M013-C	21.5	[EGOD00_9]
	CT225a	21.5	[EGOD00_9]
TG18	21.5 [EGOD00_9,EGOE00_9]		
	P14/M50-F-79	21.9	[EGOT00_9]
	P14/M47-F-301	22.5	[EGOT00_9]
	E40/M55-M150	25.6	[PY_9]
	E33/M61-M012-C	26.0	[EGOE00_9]
	E33/M49-M005-C	28.2	[EGOD00_9]
P14/M50-F-116	32.7 [EGOT00_9,HV01_9]		
	TG254	33.6	[EGOD00_9]
	CT145	33.8	[YC_9]
	CD19H	33.8	[PY_9]
	E33/M49-M008-C	36.5	[EGOE00_9]
	E49/M51-M006-C	37.0	[EGOD00_9]
	E49/M60-M006-C	37.0	[EGOD00_9]
	OPR19b	37.0	[EGOD00_9]
	E37/M54-M093	37.9	[YC_9]
	E49/M54-M026-C	41.5	[EGOD00_9]
CD32	41.5 [EGOD00_9,EGOE00_9]		
	E33/M49-M011-C	43.7	[EGOE00_9]
	E32/M61-F-90	48.5	[EGOE00_9]
	E33/M49-F-150	48.9	[EGOT00_9]
	E33/M49-F-152	49.9	[EGOT00_9]
	E33/M49-F-285	50.3	[HV01_9]
	E48/M51-F-157	51.4	[EGOT00_9]
	E36/M47-F-160	52.2	[HV01_9]
	E40/M49-F-338	53.6	[HV01_9]
	CT100E	53.8	[YC_9]
	AF04_1.4	57.2	[PY_9]
TG83B	58.2 [EGOT00_9,PY_9]		
	E33/M53-A	58.6	[PY_9]
	E37/M62-IA	59.0	[PY_9]
	E38/M47-F-395	59.2	[EGOD00_9]
	E41/M51-L	59.5	[PY_9]
	E42/M55-I	59.9	[PY_9]
	E41/M48-F-79	60.0	[EGOE00_9]
E38/M61-F-593	60.0 [EGOT00_9,PY_9]		
C04_0.45	60.1 [HV01_9,PY_9]		
	E39/M48-N	60.2	[PY_9]

		T18_1.6	60.2 [PY_9]
		E40/M47-F-532	60.2 [HV01_9]
		E40/M48-F-562	60.2 [HV01_9]
P09_0.25	60.2 [HV01_9, PY_9]	AE11_1.3	60.3 [HV01_9]
		R08_0.3	60.5 [PY_9]
		E32/M61-F-65	60.6 [HV01_9]
		E36/M61-F-245	60.6 [HV01_9]
		E33/M48-F-225	60.6 [HV01_9]
		E41/M48-F-78	60.6 [HV01_9]
		P13/M50-F-244	60.7 [HV01_9]
		G13_0.2	60.9 [HV01_9]
		E35/M48-M002-C	60.9 [EGOE00_9]
		E41/M48-M004-C	60.9 [EGOE00_9]
E33/M48-F-215	60.9 [EGOE00_9, HV01_9]	D11_0.8h	61.2 [HV01_9]
		D11_0.7v	61.2 [HV01_9]
PG116	61.7 [EGOD00_9, EGOT00_9, YC_9, PY_9]	P14/M50-F-130	61.8 [EGOT00_9]
		R15_1.25	61.8 [PY_9]
		S01_0.8	61.8 [PY_9]
		E40/M48-M128	61.8 [PY_9]
		ai15_1.0	61.8 [PY_9]
		E45/M53-L	61.9 [PY_9]
		ai15_0.9	61.9 [PY_9]
		E45/M58-E	62.2 [PY_9]
PG120B	62.3 [EGOD00_9, EGOT00_9]	E40/M47-F-401	62.3 [HV01_9]
		E42/M55-U	62.3 [PY_9]
		S12_2.0	62.4 [HV01_9]
		E35/M48-M008-C	62.4 [EGOE00_9]
		E33/M61-M008-C	62.4 [EGOE00_9]
E32/M61-F-88	62.4 [EGOE00_9, EGOT00_9]	E33/M61-F-539	62.5 [EGOT00_9]
		E49/M62-F-166	62.5 [EGOT00_9]
		E49/M47-F-126	62.5 [EGOT00_9]
		E49/M62-F-193	62.5 [EGOT00_9]
		E32/M61-F-234	62.5 [EGOT00_9]
		E38/M48-F-292	62.5 [EGOT00_9]
		E48/M51-F-335	62.5 [EGOT00_9]
		E38/M48-F-99	62.5 [EGOT00_9]
		E49/M49-F-300	62.5 [EGOT00_9]
		E49/M59-F-324	62.5 [EGOT00_9]
		E48/M51-F-150	62.5 [EGOT00_9]
		E49/M51-F-282	62.5 [EGOT00_9]
		P14/M62-F-206	62.5 [EGOT00_9]
E32/M61-F-110	62.5 [EGOE00_9, EGOT00_9]		
E33/M61-F-477	62.6 [EGOT00_9, HV01_9]	E49/M60-F-577	62.6 [EGOT00_9]
		P14/M50-F-160	62.6 [HV01_9]
		AG13_0.5	62.7 [HV01_9]
		E32/M61-F-121	62.7 [EGOE00_9]
PG126	62.7 [EGOD00_9, EGOT00_9, HV01_9, YC_9, PY_9]		
E33/M61-F-60	62.8 [EGOD00_9, EGOE00_9]	E41/M49-F-322	62.8 [EGOD00_9]
		E49/M51-F-86	62.8 [EGOD00_9]
		CT100	62.8 [EGOD00_9]
		TG568	62.8 [EGOD00_9]
		E32/M48-F-216	62.8 [EGOD00_9]
		E32/M49-F-300	62.8 [EGOD00_9]
		E32/M49-M006-C	62.8 [EGOD00_9]
		E32/M49-M010-C	62.8 [EGOD00_9]
		E33/M61-M006-C	62.8 [EGOD00_9]
		E35/M61-M001-C	62.8 [EGOD00_9]
		E35/M61-M005-C	62.8 [EGOD00_9]
		E35/M61-M009-C	62.8 [EGOD00_9]
		E38/M61-F-143	62.8 [EGOD00_9]
		E38/M61-M018-C	62.8 [EGOD00_9]

	E48/M51-M001-C	62.8	[EGOD00_9]
	E49/M47-F-114	62.8	[EGOD00_9]
	E49/M47-M014-C	62.8	[EGOD00_9]
	E49/M49-M011-C	62.8	[EGOD00_9]
	E49/M49-M014-C	62.8	[EGOD00_9]
	E49/M49-M019-C	62.8	[EGOD00_9]
	E49/M51-M005-C	62.8	[EGOD00_9]
	E49/M59-M008-C	62.8	[EGOD00_9]
	E49/M62-M013-C	62.8	[EGOD00_9]
	CD3	62.8	[EGOD00_9]
	E41/M48-M005-C	62.8	[EGOE00_9]
	E45/M58-AA	62.8	[PY_9]
	E42/M55-B	62.8	[PY_9]
	E43/M53-F-313	62.8	[PY_9]
	B07_0.5	62.8	[PY_9]
	E45/M53-D	62.9	[PY_9]
	E38/M48-P	62.9	[PY_9]
	E37/M60-M	62.9	[PY_9]
	E38/M48-E	62.9	[PY_9]
	E37/M59-M223	62.9	[PY_9]
	A10_0.6	62.9	[PY_9]
	an03_1.0	62.9	[PY_9]
	Q07_1.6	62.9	[PY_9]
	E37/M60-D	62.9	[PY_9]
	P13_1.6	62.9	[PY_9]
	E39/M49-M221	62.9	[PY_9]
	E33/M53-F-195	62.9	[PY_9]
	E33/M53-F-184	62.9	[PY_9]
	AE09_0.8	62.9	[PY_9]
	E45/M58-N	62.9	[PY_9]
	E37/M62-D	62.9	[PY_9]
	E42/M55-G	62.9	[PY_9]
	E43/M53-F-435	62.9	[YC_9]
	E36/M47-M211	62.9	[YC_9]
	O20_1.1v	62.9	[HV01_9]
	E32/M49-M006-C	62.9	[EGOE00_9]
E37/M54-M142	62.9	[YC_9, PY_9]	
	D11_0.8	63.0	[PY_9]
	E37/M59-M127	63.0	[PY_9]
	E36/M61-F-351	63.0	[HV01_9]
E49/M51-F-113	63.0	[EGOD00_9, EGOT00_9]	
E49/M51-F-228	63.1	[EGOD00_9, EGOT00_9]	
	E35/M48-F-243	63.1	[EGOE00_9]
	E32/M49-M010-C	63.1	[EGOE00_9]
	E41/M62-F-434	63.1	[HV01_9]
	E36/M55-F-218	63.1	[HV01_9]
	E33/M49-F-200	63.1	[HV01_9]
	E33/M48-F-436	63.1	[HV01_9]
	E36/M59-F-203	63.1	[HV01_9]
	E36/M60-F-131	63.1	[HV01_9]
	E36/M59-F-351	63.1	[HV01_9]
	E40/M47-F-227	63.1	[HV01_9]
	E40/M47-F-377	63.1	[HV01_9]
	E36/M59-F-197	63.1	[HV01_9]
	E36/M49-F-276	63.1	[HV01_9]
	E40/M60-F-403	63.1	[HV01_9]
	E40/M60-F-189	63.1	[HV01_9]
	E41/M49-F-189	63.1	[HV01_9]
	E39/M49-M202	63.1	[PY_9]
	D11_0.7	63.1	[PY_9]
	E32/M47-F-205	63.2	[HV01_9]
	P14/M59-F-106	63.2	[EGOT00_9]
	E48/M48-F-129	63.2	[EGOT00_9]
	E49/M59-F-162	63.2	[EGOT00_9]
	E49/M54-F-148	63.2	[EGOT00_9]
	E32/M48-F-396	63.2	[EGOT00_9]
	P14/M62-F-112	63.2	[EGOT00_9]
	E35/M48-F-124	63.2	[EGOT00_9]

		P13/M50-F-132	63.2 [EGOT00_9]
		E48/M48-F-121	63.2 [EGOT00_9]
E38/M49-F-194	63.2	[EGOT00_9,HV01_9]	
E33/M61-F-149	63.3	[EGOT00_9,HV01_9]	
		TG055_1	63.3 [PY_9]
		E49/M47-F-186	63.4 [EGOT00_9]
		E35/M48-F-133	63.4 [EGOT00_9]
		E32/M48-F-442	63.4 [EGOT00_9]
		E32/M61-F-159	63.4 [EGOT00_9]
E38/M61-F-183	63.4	[EGOT00_9,PY_9]	
		E38/M61-F-121	63.5 [YC_9]
		E48/M51-F-199	63.5 [EGOT00_9]
E38/M61-F-322	63.5	[EGOT00_9,YC_9,PY_9]	
E33/M49-F-69	63.6	[EGOT00_9,HV01_9]	
		E37/M60-E	63.6 [PY_9]
		E38/M48-I	63.6 [PY_9]
P11/M54-F-265	63.7	[EGOT00_9,HV01_9]	
E32/M49-F-207	63.8	[EGOD00_9,EGOE00_9,EGOT00_9,HV01_9]	
		E48/M51-F-93	63.8 [EGOT00_9]
		P13/M50-F-286	63.8 [EGOT00_9]
		P14/M60-F-160	63.8 [EGOT00_9]
		E35/M61-F-335	63.8 [PY_9]
		E45/M58-G	63.8 [PY_9]
E40/M48-F-242	63.9	[HV01_9,YC_9,PY_9]	
		E33/M53-F--99	64.0 [PY_9]
		E37/M62-I	64.0 [PY_9]
		P14/M61-F-70	64.0 [EGOT00_9]
		E49/M54-F-291	64.0 [EGOT00_9]
E43/M53-M711	64.0	[YC_9,PY_9]	
PG120E	64.1	[YC_9,PY_9]	
		E33/M61-F-216	64.1 [HV01_9]
		E36/M47-M158	64.1 [YC_9]
		C02_1.1y	64.1 [YC_9]
		E37/M54-M241	64.1 [YC_9]
		E41/M55-E	64.1 [YC_9]
		AF17_0.3	64.1 [PY_9]
		AE09_0.9	64.1 [PY_9]
		E37/M62-B	64.1 [PY_9]
		R12_0.5	64.1 [PY_9]
		CT269_2	64.2 [YC_9]
		E40/M47-M028-C	64.2 [EGOE00_9]
R13_0.4Y	64.2	[YC_9,PY_9]	
E41/M48-F-203	64.3	[EGOE00_9,EGOT00_9]	
		q14_0.8	64.3 [PY_9]
		E35/M61-M137	64.4 [PY_9]
E38/M61-F-198	64.4	[EGOT00_9,PY_9]	
		GC030_3p	64.5 [PY_9]
		P14/M62-F-452	64.8 [EGOT00_9]
		E43/M53-F-155	64.9 [PY_9]
		D11_0.8c	64.9 [YC_9]
		E43/M53-F-555	65.6 [PY_9]
		E45/M58-Q	66.0 [PY_9]
		AE20_1.3	66.9 [PY_9]
		E33/M48-M003-C	69.2 [EGOE00_9]
		E49/M51-F-208	69.6 [EGOD00_9]
		E43/M53-M146	69.8 [YC_9]
		E33/M48-F-310	70.1 [EGOE00_9]
		CT268Cy	70.8 [YC_9]
		E48/M51-F-314	72.1 [EGOT00_9]
		E36/M49-F-154	72.1 [HV01_9]
		E36/M49-F-148	72.3 [HV01_9]
		E48/M51-F-357	72.7 [EGOT00_9]
		E33/M48-F-200	72.8 [HV01_9]
		E32/M49-F-150	73.1 [HV01_9]
		AG13_0.9	74.5 [PY_9]
		GC030_1p	77.6 [PY_9]
		E33/M48-F-216	79.4 [EGOE00_9]
		GC030_2y	79.5 [PY_9]

E33/M49-F-291	E40/M47-M017-C	82.5	[EGOE00_9]
	83.6 [EGOE00_9,EGOT00_9]		
TG263	E48/M49-F-155	85.3	[EGOT00_9]
	86.7 [EGOD00_9,EGOE00_9,EGOT00_9]		
	E38/M47-M009-C	86.7	[EGOD00_9]
	E37/M54-M093	87.6	[PY_9]
	at08_0.7	90.4	[PY_9]
	E37/M60-N	99.0	[PY_9]
	P14/M61-F-272	99.2	[EGOT00_9]
CT79	103.7 [EGOD00_9,EGOE00_9]		
	TG009_1	107.3	[PY_9]
	UB10	108.4	[EGOD00_9]
	CT211	108.4	[EGOD00_9]
	CT129	113.3	[EGOT00_9]
Q2	124.3 [EGOE00_9,EGOT00_9]		

Chromosome 10

	O05_1.4y	0.0	[YC_10]
	E36/M47-M149	5.6	[YC_10]
	E36/M52-D	9.6	[YC_10]
	E49/M59-F-79	18.5	[EGOD00_10]
	ag14_0.8	23.8	[PY_10]
	CT269_1	24.0	[YC_10]
	P14/M62-F-166	25.7	[HV01_10]
	E41/M51-C	26.6	[PY_10]
CT113_1V	27.9 [HV01_10,YC_10]		
O10_65Y	31.3 [YC_10,PY_10]		
TG395	31.4 [EGOD00_10,EGOE00_10]		
	E49/M47-F-331	33.7	[EGOD00_10]
	E49/M48-F-246	33.7	[EGOD00_10]
	CD56	33.7	[EGOD00_10]
	E48/M48-M002-C	35.3	[EGOE00_10]
TG566	35.9 [EGOD00_10,EGOT00_10]		
	E40/M47-M016-C	36.2	[EGOE00_10]
	A15_1.1c	38.5	[YC_10]
	ah17_0.8	38.8	[PY_10]
	E40/M55-M348	42.8	[PY_10]
	E32/M61-M016-C	43.4	[EGOE00_10]
	E32/M61-F-135	47.4	[HV01_10]
	E35/M48-F-191	56.4	[HV01_10]
	E35/M48-M005-C	57.7	[EGOE00_10]
	E33/M61-F-518	59.2	[EGOE00_10]
	E48/M51-F-87	59.8	[EGOT00_10]
	E48/M48-F-259	59.8	[EGOT00_10]
E33/M61-F-583	60.0 [EGOT00_10,HV01_10]		
	E32/M49-M001-C	60.3	[EGOE00_10]
	U357	60.4	[EGOD00_10]
	E48/M48-F-261	60.6	[EGOT00_10]
	E32/M61-M001-C	60.7	[EGOE00_10]
	E35/M48-M017-C	61.5	[EGOE00_10]
	E35/M61-F-487	61.5	[PY_10]
	E33/M49-F-124	62.9	[EGOE00_10]
	H05_0.8	65.0	[HV01_10]
	E33/M49-M009-C	66.3	[EGOE00_10]
	TG596	67.4	[EGOT00_10]
	E42/M49-P	67.5	[PY_10]
	E32/M49-F-362	67.7	[EGOE00_10]
	E32/M49-M015-C	67.8	[EGOE00_10]
	E32/M61-M012-C	67.9	[EGOE00_10]
	E32/M49-F-66	67.9	[EGOE00_10]
	E32/M49-M016-C	67.9	[EGOE00_10]
PG244A	68.0 [EGOD00_10,EGOT00_10]		
E33/M49-F-221	68.0 [EGOD00_10,EGOE00_10]		
	E33/M61-M004-C	68.0	[EGOE00_10]
	A09_1.0	68.1	[HV01_10]
	E38/M49-F-88	68.2	[EGOT00_10]
	E40/M49-F-240	68.2	[HV01_10]
	E40/M47-F-561	68.3	[HV01_10]

	E36/M48-F-68	68.3	[HV01_10]
	E48/M51-F-146	68.3	[EGOT00_10]
	E35/M48-F-409	68.4	[HV01_10]
	E36/M60-F-228	68.4	[HV01_10]
	E38/M49-F-132	68.4	[EGOT00_10]
E35/M48-F-146	68.4 [EGOT00_10,HV01_10]		
	ag14_1.3	68.8	[PY_10]
	CT113_1	68.9	[YC_10]
	E41/M51-N	69.0	[PY_10]
	ag14_0.6	69.6	[PY_10]
	TG362b	69.8	[EGOD00_10]
	PG240	69.8	[EGOD00_10]
	PG244b	69.8	[EGOD00_10]
	E32/M48-F-267	69.8	[EGOD00_10]
	E32/M49-M014-C	69.8	[EGOD00_10]
	E32/M49-M018-C	69.8	[EGOD00_10]
	E33/M61-M012-C	69.8	[EGOD00_10]
	E35/M61-F-296	69.8	[EGOD00_10]
	E48/M51-F-230	69.8	[EGOD00_10]
	E48/M51-M016-C	69.8	[EGOD00_10]
	E48/M51-M024-C	69.8	[EGOD00_10]
	E49/M47-F-321	69.8	[EGOD00_10]
	E49/M49-M022-C	69.8	[EGOD00_10]
	E49/M51-F-56	69.8	[EGOD00_10]
	E49/M59-F-118	69.8	[EGOD00_10]
	E49/M60-F-587	69.8	[EGOD00_10]
	TG76	69.8	[EGOD00_10]
	E32/M49-F-93	70.8	[EGOT00_10]
	AG06_0.4	71.1	[PY_10]
	E41/M61-F-267	71.1	[HV01_10]
E48/M51-F-284	71.4 [EGOD00_10,EGOT00_10]		
E33/M49-F-104	71.5 [EGOE00_10,EGOT00_10]		
	E32/M48-F-218	71.5	[EGOT00_10]
	E40/M49-F-148	71.6	[HV01_10]
	E40/M49-F-116	71.6	[HV01_10]
	E41/M61-F-266	71.6	[HV01_10]
	E49/M47-F-210	71.6	[EGOT00_10]
	P14/M59-F-157	71.6	[EGOT00_10]
	E49/M51-F-263	71.6	[EGOT00_10]
	E38/M48-F-197	71.6	[EGOT00_10]
	E48/M51-F-83	71.6	[EGOT00_10]
	E35/M48-F-485	71.6	[EGOT00_10]
E32/M49-F-118	71.6 [EGOE00_10,HV01_10]		
E40/M48-F-393	71.7 [HV01_10,PY_10]		
	E49/M60-F-130	71.7	[EGOT00_10]
	E48/M51-F-342	71.7	[EGOT00_10]
	E40/M60-F-181	71.7	[HV01_10]
	E33/M61-F-206	71.7	[HV01_10]
	E40/M62-F-181	71.7	[HV01_10]
	E36/M47-F-372	71.7	[HV01_10]
	E40/M55-M211	71.7	[PY_10]
E38/M61-F-282	71.8 [EGOT00_10,PY_10]		
	E38/M48-M	71.9	[PY_10]
	E38/M48-JA	71.9	[PY_10]
	E37/M60-J	71.9	[PY_10]
E38/M49-F-148	71.9 [EGOD00_10,EGOT00_10]		
	E35/M48-M013-C	72.0	[EGOE00_10]
	E39/M48-P	72.1	[PY_10]
	E49/M60-F-228	72.2	[EGOT00_10]
	E41/M51-D	72.3	[PY_10]
	AG14_0.4	72.4	[PY_10]
	E37/M54-M567	72.4	[PY_10]
	F02_1.0	72.5	[PY_10]
	C01_1.0	72.5	[PY_10]
	N03_0.4	72.5	[PY_10]
	R12_0.9	72.5	[PY_10]
	ag14_0.5	72.5	[PY_10]
	ag14_0.3	72.5	[PY_10]

		A10_0.85	72.5 [PY_10]
		E48/M51-F-235	72.6 [EGOT00_10]
		E38/M61-M124	72.7 [PY_10]
		TG009_2	72.8 [PY_10]
		L17_1.4	73.0 [PY_10]
E33/M49-F-373	73.1	[EGOE00_10,EGOT00_10,HV01_10]	
		E38/M61-F-98	73.2 [PY_10]
		E41/M51-E	73.4 [PY_10]
		E35/M61-M243	73.4 [PY_10]
		E35/M61-F-200	73.5 [PY_10]
		MPG001	73.8 [PY_10]
		E42/M49-O	74.0 [PY_10]
		E49/M51-F-169	74.3 [EGOT00_10]
		E40/M47-M003-C	74.3 [EGOE00_10]
		E42/M49-H	74.4 [PY_10]
		GC018	74.7 [HV01_10]
		E38/M48-O	74.8 [PY_10]
		E41/M49-F-557	74.8 [EGOT00_10]
		ai08_0.9	75.0 [PY_10]
		E38/M61-M197	75.1 [PY_10]
		PG113	75.3 [PY_10]
		ag02_1.2	75.4 [PY_10]
		E39/M48-I	75.5 [PY_10]
		E41/M51-Q	75.5 [PY_10]
		E41/M49-F-310	75.5 [PY_10]
		E37/M59-M275	75.5 [PY_10]
		E37/M59-M375	75.5 [PY_10]
		E37/M62-A	75.6 [PY_10]
		E38/M60-F-215	75.9 [HV01_10]
		E33/M48-F-167	76.1 [HV01_10]
E33/M49-F-138	76.1	[EGOE00_10,HV01_10]	
		AE04_1.9	76.2 [PY_10]
		T07_1.6	76.2 [PY_10]
		E42/M49-F	76.3 [PY_10]
		E39/M48-F	76.3 [PY_10]
		B20_0.6	76.3 [PY_10]
		E38/M48-N	76.3 [PY_10]
		E38/M48-H	76.3 [PY_10]
		E37/M60-C	76.4 [PY_10]
		E41/M49-M552	76.6 [PY_10]
		E45/M53-M	76.9 [PY_10]
		P13/M47-F-110	77.4 [HV01_10]
		M11_1.5	77.5 [PY_10]
		P14/M50-F-63	77.7 [HV01_10]
		E45/M53-B	77.9 [PY_10]
		AF14_0.5	78.1 [PY_10]
		E33/M49-M012-C	78.2 [EGOD00_10]
		F11_0.65	78.4 [PY_10]
		E41/M49-F-169	78.5 [PY_10]
		E38/M48-Q	78.8 [PY_10]
		E41/M49-M369	79.8 [PY_10]
		CT154	79.9 [EGOT00_10]
		E41/M48-F-132	80.4 [EGOE00_10]
		E49/M49-F-502	80.8 [EGOT00_10]
		E38/M48-C	81.0 [PY_10]
		E32/M49-F-87	81.7 [EGOE00_10]
		CT259A	82.3 [PY_10]
		CT138A	82.5 [HV01_10]
		TG422	82.9 [EGOE00_10]
		E40/M55-M104	84.8 [PY_10]
		E38/M49-F-297	86.0 [EGOT00_10]
		E32/M61-F-187	88.0 [EGOE00_10]
		E48/M51-F-120	88.4 [EGOT00_10]
		P14/M60-F-166	91.7 [EGOT00_10]
		E37/M59-M249	92.0 [PY_10]
		E40/M47-M001-C	92.3 [EGOE00_10]
P13/M50-F-242	92.8	[EGOT00_10,HV01_10]	
		an05_1.9	93.8 [PY_10]

	E38/M48-F-141	94.2	[EGOT00_10]
TG241	96.6	[EGOD00_10,EGOE00_10,EGOT00_10]	
CT124	97.4	[EGOD00_10,EGOT00_10]	
	P14/M62-F-57	98.4	[HV01_10]
	E38/M48-L	98.5	[PY_10]
	ai08_1.5	99.3	[PY_10]
	E48/M49-F-198	99.5	[EGOT00_10]
	CT268E	100.6	[PY_10]
	E35/M61-F-115	102.4	[PY_10]
	an03_0.3	102.6	[PY_10]
	E40/M47-M023-C	104.3	[EGOE00_10]
	CT57	106.2	[EGOD00_10]
	E48/M51-F-390	106.2	[EGOD00_10]
	E49/M54-M020-C	106.2	[EGOD00_10]
	E48/M51-M004-C	106.2	[EGOD00_10]
	E35/M61-M114	106.3	[PY_10]
	E32/M49-M017-C	107.0	[EGOE00_10]
	E49/M54-M009-C	111.3	[EGOE00_10]
	E38/M48-B	111.8	[PY_10]
Q6	115.3	[EGOD00_10,EGOE00_10]	
E41/M49-F-269	116.2	[YC_A,PY_10]	
TG420	117.1	[EGOD00_10,EGOT00_10]	
	ai09_0.9	118.1	[PY_10]
	E33/M61-M018-C	118.5	[EGOE00_10]
	ag19_1.0	122.7	[PY_10]
	CD73	127.4	[EGOD00_10]
	E38/M61-M004-C	127.4	[EGOD00_10]
	CD72	127.4	[EGOD00_10]
TG408	127.4	[EGOD00_10,EGOE00_10]	
	E38/M48-A	133.7	[PY_10]

Chromosome 11

	E45/M58-A	0.0	[PY_11]
	T11_1.0	8.2	[PY_11]
	E35/M61-F-140	15.8	[PY_11]
	E49/M60-F-339	18.5	[EGOT00_11]
	E32/M49-F-84	20.3	[EGOT00_11]
	CD186d	27.7	[EGOD00_11]
	TG475	27.7	[EGOD00_11]
	TG432	27.7	[EGOD00_11]
	CD127d	27.7	[EGOD00_11]
	P14/M59-F-137	28.9	[HV01_11]
	E40/M49-F-207	29.9	[HV01_11]
	E41/M60-F-345	31.6	[HV01_11]
	E36/M49-F-127	31.6	[HV01_11]
	E18_1.1	34.0	[HV01_11]
	OPR9	36.6	[EGOD00_11]
	B10_0.8L	39.2	[HV01_11]
	E36/M61-F-384	40.7	[HV01_11]
E32/M48-F-252	40.9	[EGOD00_11,EGOT00_11]	
	E49/M60-M008-C	40.9	[EGOD00_11]
	TG441	40.9	[EGOD00_11]
	an11_0.7	42.3	[PY_11]
	AE15_1.1	43.4	[HV01_11]
	E36/M61-F-575	44.0	[HV01_11]
	E33/M49-F-182	44.0	[HV01_11]
E38/M49-F-202	46.7	[EGOT00_11,HV01_11]	
	CT72	46.8	[EGOD00_11]
	CT242	46.8	[EGOD00_11]
	an11_0.8	46.9	[PY_11]
	E49/M59-F-76	47.3	[EGOT00_11]
	E49/M54-F-127	47.4	[EGOT00_11]
	P14/M61-F-177	48.3	[EGOT00_11]
	ah17_1.1	48.9	[PY_11]
	TG623	49.2	[EGOD00_11]
CT101H	49.2	[EGOD00_11,EGOT00_11,YC_11,PY_11]	
	E48/M51-M001<N>	49.3	[EGOT00_11]
	E37/M54-M079	49.4	[PY_11]

E38/M61-F-399	49.5	P14/M47-F-137	49.5	[EGOT00_11]
		[EGOT00_11, YC_11, PY_11]		
		an05_1.2	49.7	[PY_11]
		E45/M58-L	49.8	[PY_11]
		MPG002	50.0	[PY_11]
		E32/M61-F-421	50.7	[HV01_11]
E33/M49-F-87	50.7	[EGOT00_11, HV01_11]		
E32/M61-F-426	50.8	[EGOE00_11, HV01_11]		
		E40/M47-F-308	50.8	[HV01_11]
		E32/M47-F-148	50.8	[HV01_11]
		E36/M47-F-339	50.8	[HV01_11]
		E45/M53-I	50.8	[PY_11]
		E36/M61-F-70	50.9	[HV01_11]
		E38/M60-F-160	50.9	[HV01_11]
		E41/M61-F-329	50.9	[HV01_11]
TG47	50.9	[HV01_11, PY_11]		
		E32/M49-F-481	51.1	[EGOE00_11]
		an05_0.8	51.2	[PY_11]
		E43/M53-F-260	51.8	[YC_11]
		HPG013	52.3	[PY_11]
E36/M47-F-108	52.8	[HV01_11, YC_11]		
E38/M61-F-420	52.9	[EGOT00_11, PY_11]		
TG379	53.0	[EGOD00_11, EGOT00_11, HV01_11, YC_11, PY_11]		
		E40/M48-F-262	53.4	[HV01_11]
		E32/M48-F-183	53.4	[EGOT00_11]
		P14/M47-F-307	53.4	[EGOT00_11]
		E49/M60-F-114	53.5	[EGOT00_11]
		E33/M61-F-369	53.6	[EGOT00_11]
		AF17_1.7	53.6	[PY_11]
		E49/M51-F-210	53.8	[EGOT00_11]
		E42/M49-Q	53.9	[PY_11]
		AE12_0.7	53.9	[PY_11]
		E49/M60-F-64	54.4	[EGOT00_11]
		E45/M58-F	54.8	[PY_11]
		E32/M48-F-589	54.9	[EGOT00_11]
		E33/M53-F-180	55.0	[PY_11]
		E49/M62-F-470	55.0	[EGOT00_11]
E32/M49-F-57	55.1	[EGOT00_11, HV01_11]		
		E40/M48-M206	55.1	[YC_11]
		E37/M62-K	55.2	[PY_11]
		E39/M49-M176	55.2	[PY_11]
		E49/M54-F-346	55.2	[EGOT00_11]
E32/M48-F-377	55.2	[EGOT00_11, HV01_11]		
E49/M60-F-246	55.3	[EGOD00_11, EGOT00_11]		
		E38/M49-F-400	55.3	[EGOT00_11]
		E33/M48-F-203	55.3	[HV01_11]
		E36/M48-F-149	55.3	[HV01_11]
		E36/M59-F-278	55.3	[HV01_11]
		E36/M47-F-292	55.3	[HV01_11]
		E40/M60-F-272	55.3	[HV01_11]
		E41/M61-F-137	55.3	[HV01_11]
		E32/M61-F-229	55.3	[HV01_11]
		E41/M60-F-210	55.3	[HV01_11]
		E36/M59-F-221	55.3	[HV01_11]
		E36/M61-F-189	55.3	[HV01_11]
		E41/M61-F-270	55.3	[HV01_11]
		E41/M61-F-119	55.3	[HV01_11]
		E40/M62-F-280	55.3	[HV01_11]
		E36/M55-F-262	55.3	[HV01_11]
		E36/M60-F-523	55.3	[HV01_11]
		E38/M60-F-212	55.3	[HV01_11]
		E36/M60-F-122	55.3	[HV01_11]
		E33/M48-F-157	55.3	[HV01_11]
		E41/M62-F-508	55.3	[HV01_11]
		E41/M62-F-108	55.3	[HV01_11]
		E32/M47-F-231	55.3	[HV01_11]
		E41/M62-F-524	55.3	[HV01_11]
		E36/M49-F-100	55.3	[HV01_11]

	E36/M49-F-282	55.3	[HV01_11]
	E45/M58-AB	55.4	[PY_11]
	E48/M51-F-181	55.4	[EGOT00_11]
E32/M61-F-188	55.4	[EGOT00_11,HV01_11]	
E38/M49-F-155	55.5	[EGOT00_11,HV01_11]	
E33/M61-F-297	55.6	[EGOT00_11,HV01_11]	
	E36/M47-F-86	55.6	[HV01_11]
	E40/M49-F-131	55.6	[HV01_11]
	E40/M47-F-145	55.6	[HV01_11]
	B11_1.0	55.6	[PY_11]
	E41/M48-F-220	55.7	[EGOT00_11]
TG619	55.7	[EGOD00_11,EGOE00_11,HV01_11,YC_11,PY_11]	
E33/M49-F-355	55.8	[EGOT00_11,HV01_11]	
	TG384	55.8	[EGOD00_11]
	E33/M49-M019-C	55.8	[EGOD00_11]
	CT146b	55.8	[EGOD00_11]
	Prf	55.8	[EGOD00_11]
	E32/M48-M001-C	55.8	[EGOD00_11]
	E32/M49-M007-C	55.8	[EGOD00_11]
	E33/M49-F-158	55.8	[EGOD00_11]
	E35/M61-F-129	55.8	[EGOD00_11]
	E35/M61-F-192	55.8	[EGOD00_11]
	E38/M49-M017-C	55.8	[EGOD00_11]
	E38/M61-M015-C	55.8	[EGOD00_11]
	E41/M49-M013-C	55.8	[EGOD00_11]
	E49/M47-F-470	55.8	[EGOD00_11]
	E49/M47-M009-C	55.8	[EGOD00_11]
	E49/M47-M017-C	55.8	[EGOD00_11]
	E49/M48-M005-C	55.8	[EGOD00_11]
	E49/M49-F-157	55.8	[EGOD00_11]
	E49/M51-F-171	55.8	[EGOD00_11]
	E49/M51-F-179	55.8	[EGOD00_11]
	E49/M59-F-285	55.8	[EGOD00_11]
	E49/M62-M018-C	55.8	[EGOD00_11]
	R312	55.8	[EGOD00_11]
	CT70	55.8	[EGOD00_11]
	E35/M48-F-189	55.8	[EGOE00_11]
	CT120	55.9	[PY_11]
	E35/M48-F-207	55.9	[EGOE00_11]
	E32/M49-F-144	55.9	[EGOE00_11]
E41/M48-F-254	55.9	[EGOE00_11,EGOT00_11,HV01_11]	
	AE10_4c	56.0	[YC_11]
	E36/M60-F-215	56.0	[HV01_11]
	E41/M48-F-157	56.0	[HV01_11]
	E40/M60-F-168	56.0	[HV01_11]
	E33/M48-F-73	56.0	[HV01_11]
	E49/M54-F-197	56.0	[EGOT00_11]
	E48/M48-M001<N>	56.0	[EGOT00_11]
	E49/M49-F-398	56.0	[EGOT00_11]
	E49/M62-F-414	56.0	[EGOT00_11]
	E33/M49-M017-C	56.0	[EGOE00_11]
	E41/M48-M017-C	56.0	[EGOE00_11]
	E40/M47-M018-C	56.0	[EGOE00_11]
	E33/M49-M019-C	56.0	[EGOE00_11]
	E35/M48-M016-C	56.0	[EGOE00_11]
	E32/M61-M014-C	56.0	[EGOE00_11]
	E32/M61-M005-C	56.0	[EGOE00_11]
	E41/M48-M011-C	56.0	[EGOE00_11]
	E32/M49-M007-C	56.0	[EGOE00_11]
	E40/M47-M021-C	56.0	[EGOE00_11]
	E33/M49-M007-C	56.0	[EGOE00_11]
E41/M48-F-188	56.0	[EGOT00_11,HV01_11]	
E43/M53-F-127	56.1	[YC_11,PY_11]	
	E33/M48-F-304	56.1	[EGOE00_11]
	E40/M48-M170	56.1	[YC_11]
	E45/M58-C	56.2	[PY_11]
	P14/M60-F-289	56.2	[EGOT00_11]
	P14/M60-F-290	56.2	[EGOT00_11]

E40/M48-M220	E49/M49-F-77	56.2 [EGOT00_11]
HPG004Y	56.2 [YC_11, PY_11]	
	56.3 [HV01_11, YC_11, PY_11]	
	E40/M47-F-224	56.3 [HV01_11]
	E40/M60-F-78	56.3 [HV01_11]
	AE10_0.4v	56.3 [HV01_11]
	P17_0.55	56.3 [HV01_11]
	N15_0.6y	56.3 [YC_11]
	E35/M61-F-275	56.3 [PY_11]
	E37/M54-M073	56.3 [PY_11]
	E45/M58-I	56.3 [PY_11]
	E38/M60-F-360	56.4 [HV01_11]
E38/M61-F-228	56.4 [EGOT00_11, HV01_11, YC_11, PY_11]	
	E40/M47-F-68	56.5 [HV01_11]
	E33/M49-F-259	56.5 [HV01_11]
AE11_1.6	56.5 [HV01_11, PY_11]	
E38/M61-F-526	56.6 [EGOD00_11, EGOT00_11, HV01_11, YC_11, PY_11]	
	E49/M47-F-248	56.6 [EGOT00_11]
	E49/M60-F-158	56.6 [EGOT00_11]
	E32/M47-F-116	56.6 [HV01_11]
	E41/M49-M448	56.6 [PY_11]
	E41/M51-M	56.7 [PY_11]
	E41/M51-A	56.7 [PY_11]
	E33/M53-H	56.7 [PY_11]
	E42/M58-A	56.7 [PY_11]
	E37/M60-K	56.7 [PY_11]
	E37/M60-G	56.7 [PY_11]
	E42/M55-S	56.7 [PY_11]
	E42/M58-B	56.7 [PY_11]
	E37/M54-M073	56.7 [YC_11]
	E33/M48-F-455	56.7 [HV01_11]
	P14/M60-F-337	56.7 [EGOT00_11]
E32/M49-F-168	56.7 [EGOT00_11, HV01_11]	
E32/M49-F-399	56.8 [EGOE00_11, EGOT00_11, HV01_11]	
	E49/M60-F-87	56.8 [EGOT00_11]
	E36/M48-F-261	56.8 [HV01_11]
	E42/M55-T	56.8 [PY_11]
	E08_0.5	56.9 [PY_11]
	P13_0.9	56.9 [PY_11]
	P09_0.8v	56.9 [HV01_11]
P14/M62-F-184	56.9 [EGOT00_11, HV01_11]	
	AE10_0.4p	57.0 [PY_11]
	F12_0.8	57.0 [HV01_11]
E32/M49-F-282	57.0 [EGOD00_11, EGOT00_11]	
TG400	57.1 [EGOD00_11, EGOT00_11]	
	E40/M62-F-289	57.1 [HV01_11]
	GC014	57.1 [PY_11]
	AE06_1.2	57.1 [PY_11]
	GC159	57.1 [PY_11]
	E35/M61-M142	57.2 [PY_11]
P09_0.8Y	57.2 [YC_11, PY_11]	
PG263	57.3 [EGOD00_11, YC_11, PY_11]	
	CD186a	57.3 [EGOD00_11]
	TG290c	57.3 [EGOD00_11]
	E48/M51-M025-C	57.3 [EGOD00_11]
	E49/M54-M004-C	57.3 [EGOD00_11]
	CD127a	57.3 [EGOD00_11]
	AF08_0.7	57.4 [HV01_11]
TG104	57.4 [EGOD00_11, EGOT00_11, HV01_11, PY_11]	
AE16_1.5	57.5 [HV01_11, PY_11]	
	E41/M48-M023-C	57.6 [EGOE00_11]
	E41/M48-F-221	57.8 [EGOE00_11]
B10_0.9	57.9 [HV01_11, PY_11]	
	E41/M48-M018-C	58.0 [EGOE00_11]
	O07_0.8c	58.6 [YC_11]
	E33/M49-M018-C	59.9 [EGOD00_11]
	GC060	60.0 [PY_11]
	E37/M59-M155	60.6 [PY_11]

		TG180	60.9 [PY_11]
		E42/M49-E	61.7 [PY_11]
		E42/M55-V	61.7 [PY_11]
AF07_1.1	61.7 [HV01_11,PY_11]	D20_1.5	63.4 [PY_11]
		an03_1.2	63.5 [PY_11]
TG105E	66.4 [EG0D00_11,EG0E00_11]	B10_0.8H	68.5 [PY_11]
		E32/M48-F-224	68.9 [EG0T00_11]
		TG46	72.7 [EG0D00_11]
		GC034_1h	74.6 [HV01_11]
		q14_1.7	74.9 [PY_11]
		E48/M49-F-476	76.9 [EG0D00_11]
		ai15_0.7	78.5 [PY_11]
		E41/M48-M003-C	84.6 [EG0E00_11]
		E37/M59-M159	87.7 [PY_11]
		E41/M49-F-130	88.2 [EG0T00_11]
		E40/M48-M170a	96.7 [PY_11]
TG36E	101.8 [EG0D00_11,EG0E00_11,EG0T00_11]	E35/M48-F-101	105.7 [EG0T00_11]
		L	107.1 [EG0T00_11]

Chromosome 12

		TG060H	0.0 [PY_12]
		pN18Ce	6.1 [EG0D00_12]
		pN18Cc	6.1 [EG0D00_12]
CT138D	6.1 [EG0D00_12,YC_12]	E45/M53-K	8.3 [PY_12]
		E49/M54-M001-C	8.8 [EG0E00_12]
		GC080B1p	9.2 [PY_12]
		F16_0.5	11.9 [PY_12]
		E37/M62-C	12.6 [PY_12]
		Q12_0.8	14.0 [PY_12]
TG523	14.5 [EG0D00_12,EG0T00_12]	GC080A5c	15.8 [YC_12]
		GC080A2p	15.8 [PY_12]
		B2B	16.2 [EG0T00_12]
		GC148B1p	16.8 [PY_12]
		E48/M51-F-192	17.1 [EG0D00_12]
		E41/M49-F-219	17.1 [EG0D00_12]
		GC147_1p	17.8 [PY_12]
		GC080A2c	18.9 [YC_12]
		GC081_1	19.3 [YC_12]
		GC149	19.7 [PY_12]
TG508	19.7 [EG0D00_12,EG0T00_12]	GC080A3y	20.0 [YC_12]
		GC080B2y	20.1 [PY_12]
		GC080A7y	20.1 [YC_12]
		GC080A1y	20.1 [YC_12]
GC080A6Y	20.1 [YC_12,PY_12]	CT168	20.8 [EG0E00_12]
		GC147_2y	25.7 [PY_12]
		E49/M49-F-121	26.5 [EG0T00_12]
		E48/M51-F-159	27.5 [EG0T00_12]
		GC148B2y	27.9 [PY_12]
		E37/M59-M356	28.6 [PY_12]
GC081_2Y	33.0 [YC_12,PY_12]	P14/M62-F-254	34.8 [HV01_12]
		an11_0.6	35.0 [PY_12]
		E40/M49-F-256	37.0 [HV01_12]
		E40/M49-F-255	37.0 [HV01_12]
		E38/M48-G	37.5 [PY_12]
		E32/M49-M009-C	38.9 [EG0E00_12]
E48/M51-F-84	39.4 [EG0D00_12,EG0T00_12]	E49/M59-F-245	39.4 [EG0D00_12]
		E49/M47-M003-C	39.4 [EG0D00_12]
		E37/M54-M127	39.6 [PY_12]
		E41/M62-F-293	40.5 [HV01_12]

	E32/M47-F-312	41.6	[HV01_12]
PN18CA	42.3 [EGOD00_12,EGOT00_12]		
	E45/M53-C	42.4	[PY_12]
	E32/M61-M009-C	42.6	[EGOE00_12]
	E48/M48-F-194	42.8	[EGOT00_12]
	E42/M55-C	43.2	[PY_12]
	E32/M61-M006-C	43.4	[EGOE00_12]
	E41/M60-F-447	43.4	[HV01_12]
	GC148	43.6	[HV01_12]
	E40/M62-F-375	43.6	[HV01_12]
E41/M49-F-147	43.7 [EGOT00_12,HV01_12,PY_12]		
	E33/M61-F-568	43.9	[HV01_12]
	E33/M48-F-53	44.3	[HV01_12]
	E31/M49-M184	45.2	[YC_12]
PN18CB	47.0 [EGOD00_12,EGOT00_12]		
	AG03_2.1	47.8	[PY_12]
	GC148Gp	48.2	[PY_12]
	E49/M60-F-242	49.1	[EGOT00_12]
	E33/M48-F-214	49.6	[EGOE00_12]
	E41/M48-M007-C	49.6	[EGOE00_12]
	E41/M51-O	54.9	[PY_12]
	Q12_1.5	56.6	[PY_12]
	E41/M48-F-313	59.0	[EGOE00_12]
	TG350E	59.0	[EGOE00_12]
	pN18Cd	59.1	[EGOD00_12]
	E49/M48-F-212	59.1	[EGOD00_12]
TG557	59.1 [EGOD00_12,EGOE00_12]		
E41/M49-F-166	59.2 [EGOD00_12,YC_12]		
	TG468	59.2	[EGOE00_12]
	E32/M49-M021-C	59.3	[EGOE00_12]
	E35/M48-F-185	59.3	[EGOE00_12]
	E33/M49-F-255	59.3	[EGOE00_12]
	E33/M49-F-214	59.3	[EGOE00_12]
	E40/M47-M006-C	59.3	[EGOE00_12]
	E40/M47-M004-C	59.3	[EGOE00_12]
	E33/M48-F-365	59.3	[EGOE00_12]
	E33/M48-F-241	59.3	[EGOE00_12]
	E35/M48-M009-C	59.3	[EGOE00_12]
	PG256	59.3	[EGOD00_12]
	E49/M47-F-125	59.3	[EGOD00_12]
	E49/M47-F-111	59.3	[EGOD00_12]
	E49/M48-F-138	59.3	[EGOD00_12]
	CD39a	59.3	[EGOD00_12]
	TG61	59.3	[EGOD00_12]
	PG188	59.3	[EGOD00_12]
	PG224	59.3	[EGOD00_12]
	E32/M48-M004-C	59.3	[EGOD00_12]
	E38/M47-F-320	59.3	[EGOD00_12]
	E38/M49-F-105	59.3	[EGOD00_12]
	E38/M49-F-113	59.3	[EGOD00_12]
	E38/M61-F-369	59.3	[EGOD00_12]
	E48/M49-M002-C	59.3	[EGOD00_12]
	E48/M49-M009-C	59.3	[EGOD00_12]
	E48/M51-M020-C	59.3	[EGOD00_12]
	E49/M48-F-447	59.3	[EGOD00_12]
	E49/M49-F-156	59.3	[EGOD00_12]
	E49/M49-M003-C	59.3	[EGOD00_12]
	E49/M49-M006-C	59.3	[EGOD00_12]
	E49/M51-F-295	59.3	[EGOD00_12]
	E49/M60-F-69	59.3	[EGOD00_12]
	E49/M62-F-101	59.3	[EGOD00_12]
	E49/M62-F-334	59.3	[EGOD00_12]
	E49/M62-M017-C	59.3	[EGOD00_12]
	OPE1	59.3	[EGOD00_12]
	E49/M59-F-133	59.3	[EGOD00_12]
TG516	59.3 [EGOD00_12,EGOE00_12]		
E32/M48-F-164	59.4 [EGOT00_12,HV01_12]		
	E40/M49-F-172	59.5	[HV01_12]

	E32/M61-F-386	59.5	[HV01_12]
	E40/M49-F-169	59.5	[HV01_12]
	E33/M61-M007-C	59.5	[EGOD00_12]
	E49/M47-M018-C	59.5	[EGOD00_12]
	E49/M48-M003-C	59.5	[EGOD00_12]
	E32/M48-F-246	59.5	[EGOD00_12]
E35/M48-F-226	59.5 [EGOD00_12,EGOE00_12]		
	E41/M61-F-182	59.6	[HV01_12]
TG497	59.6 [YC_12,PY_12]		
O07_1.55	59.7 [HV01_12,YC_12]		
	E41/M61-F-214	59.8	[HV01_12]
TG124	59.8 [HV01_12,YC_12,PY_12]		
P13/M47-F-141	59.9 [EGOT00_12,HV01_12]		
	P11/M54-F-412	59.9	[EGOT00_12]
	E36/M49-F-152	59.9	[HV01_12]
	E32/M48-F-265	60.1	[EGOT00_12]
	E40/M47-M024-C	60.7	[EGOE00_12]
	E42/M55-A	60.7	[PY_12]
	P13/M47-F-106	62.0	[HV01_12]
	P13/M50-F-64	62.0	[EGOT00_12]
	E45/M53-H	62.9	[PY_12]
	CT106c	64.2	[EGOD00_12]
	up	64.3	[EGOT00_12]
	T16_0.5	64.8	[PY_12]
	TG305	67.5	[EGOD00_12]
	CD25b	67.5	[EGOD00_12]
E48/M51-F-206	67.5 [EGOD00_12,EGOT00_12]		
	E48/M51-F-374	67.6	[EGOT00_12]
	E31/M53-M281	67.7	[YC_12]
	E49/M47-F-221	68.3	[EGOT00_12]
	E36/M47-M237	69.7	[YC_12]
	TG367B	70.2	[EGOE00_12]
	E41/M51-B	72.9	[PY_12]
	TG019Fc	73.7	[YC_12]
	CD186b	75.4	[EGOD00_12]
	CD127b	75.4	[EGOD00_12]
E38/M61-F-211	80.3 [EGOT00_12,PY_12]		
E43/M53-F-241	80.4 [YC_12,PY_12]		
	E38/M60-F-186	80.5	[HV01_12]
	E36/M47-F-446	80.5	[HV01_12]
	E49/M47-F-491	80.8	[EGOT00_12]
	CT239	80.9	[EGOD00_12]
	E49/M54-F-140	80.9	[EGOD00_12]
CT253B	80.9 [EGOD00_12,YC_12]		
	TG028	82.8	[YC_12]
	E32/M49-M001-C	84.6	[EGOD00_12]
	E40/M49-F-278	88.6	[HV01_12]
	TG296	90.0	[EGOD00_12]
	E49/M51-M001-C	90.0	[EGOD00_12]
	E33/M48-F-261	99.4	[EGOE00_12]
	E33/M53-F-149	99.6	[PY_12]
	E35/M61-F-320	101.8	[PY_12]
	E35/M61-M318	102.0	[PY_12]
	E41/M49-F-91	106.2	[YC_12]
	E40/M55-M174	110.3	[PY_12]
	GC064_1y	111.8	[PY_12]
	E33/M48-F-132	113.9	[HV01_12]
	GC064_2y	114.3	[PY_12]
	TG350	115.2	[EGOD00_12]
	E36/M49-F-158	123.6	[HV01_12]
	E40/M47-F-262	130.7	[HV01_12]