

Plate 1- Row A			
Gene Name	Plate location	Linkage group (chrom.)	Map location (IBMn)
p-umc1354	1	1	0
p-umc1566	2	1	16.5
p-umc1292	3	1	32.08
p-bnlg1124	4	1	41.67
p-bnlg1179	5	1	64.14
p-bnlg1014	6	1	82.8
p-umc1685	7	1	103
p-umc2225	8	1	124.7
p-bnlg1429	9	1	143.5
p-umc2226	10	1	165.8
p-bnlg109	11	1	188.58
p-umc1073	12	1	208.5

Plate 1- Row E			
Gene Name	Plate location	Linkage group (chrom.)	Map location (IBMn)
p-umc1737	1	1	1029.96
p-umc1744	2	1	1051.1
p-bnlg2123	3	1	1073.46
p-umc1331	4	1	1096.5
p-umc2100	5	1	1121.9
p-umc1622	6	2	2.6
p-umc1419	7	2	15.2
p-phi96100	8	2	28.1
p-umc2363	9	2	40.2
p-umc1542	10	2	57.6
p-bnlg1017	11	2	65.7
p-umc1265	12	2	77.7

Plate 1- Row B			
Gene Name	Plate location	Linkage group (chrom.)	Map location (IBMn)
p-umc1397	1	1	226.4
p-bnlg2204	2	1	254.86
p-bnlg2180	3	1	272.53
p-umc1598	4	1	290.7
p-bnlg2238	5	1	326.7
p-umc1472	6	1	345.85
p-umc1144	7	1	368.97
p-umc2228	8	1	391.8
p-umc2025	9	1	417
p-umc1461	10	1	438.8
p-umc1611	11	1	458.4
p-umc1323	12	1	483.83

Plate 1- Row F			
Gene Name	Plate location	Linkage group (chrom.)	Map location (IBMn)
p-umc1824	1	2	92.6
p-umc1756	2	2	141.6
p-umc1262	3	2	153.1
p-bnlg125	4	2	164.33
p-mmc0231	5	2	179.4
p-umc1776	6	2	197.2
p-bnlg2248	7	2	207.74
p-umc1185	8	2	216.5
p-bnlg1064	9	2	227.1
p-phi109642	10	2	244
p-umc1026	11	2	256.05
p-umc1448	12	2	269.6

Plate 1- Row C			
Gene Name	Plate location	Linkage group (chrom.)	Map location (IBMn)
p-umc1812	1	1	508.2
p-umc2234	2	1	529
p-umc2235	3	1	550
p-umc1664	4	1	566.63
p-umc1035	5	1	587
p-umc1925	6	1	606.5
p-umc1374	7	1	627.1
p-umc1358	8	1	653.4
p-umc2064	9	1	678.49
p-bnlg1025	10	1	700.5
p-umc1245	11	1	721.9
p-umc1998	12	1	747.9

Plate 1- Row G			
Gene Name	Plate location	Linkage group (chrom.)	Map location (IBMn)
p-phi083	1	1	284.7
p-umc2249	2	1	296.3
p-umc1259	3	1	310.2
p-umc2079	4	1	320.7
p-umc2007	5	1	334.2
p-umc1922	6	1	345.2
p-umc2252	7	1	359.1
p-umc2253	8	1	376.1
p-umc2372	9	1	389.03
p-umc1108	10	1	401.5
p-umc2129	11	1	414.1
p-umc1890	12	1	422.7

Plate 1- Plate D			
Gene Name	Plate location	Linkage group (chrom.)	Map location (IBMn)
p-umc2080	1	1	769.4
p-mmc0041	2	1	787.49
p-umc1914	3	1	809.9
p-umc1715	4	1	828.29
p-umc1298	5	1	850.27
p-umc1184	6	1	873.5
p-umc2189	7	1	892.2
p-umc1534	8	1	918.21
p-bnlg1347	9	1	933.09
p-phi265454	10	1	973
p-umc1500	11	1	985.11
p-umc1553	12	1	1007.6

Plate 1- Row H			
Gene Name	Plate location	Linkage group (chrom.)	Map location (IBMn)
p-mmc0271	1	1	438.3
p-phi251315	2	1	453.8
p-bnlg2077	3	1	474.8
p-umc1745	4	1	485.58
p-umc1126	5	1	503.61
p-phi435417	6	1	520.5
p-umc2085	7	1	544.4
p-umc1992	8	1	556.21
p-mmc0381	9	1	572.4
p-umc1516	10	1	584.3
p-umc1256	11	1	600.7
p-umc1525	12	1	612.29

