

Plate 4 - Row A			
Gene Name	Plate location	Linkage group (chrom.)	Map location (IBMn)
p-umc1154	1	7	558.55
p-bnlg469	2	7	572.56
p-umc2333	3	7	593.4
p-phi116	4	7	611.5
p-umc1786	5	8	10.58
p-umc2042	6	8	30.3
p-umc1414	7	8	48
p-umc1075	8	8	59.88
p-umc1483	9	8	83.1
p-bnlg1194	10	8	105.4
p-umc1304	11	8	128.6
p-umc1974	12	8	153.3

Plate 4 - Row B			
Gene Name	Plate location	Linkage group (chrom.)	Map location (IBMn)
p-umc1913	1	8	160.8
p-umc1530	2	8	179.5
p-umc2146	3	8	198.4
p-umc2354	4	8	216.2
p-umc1984	5	8	234.8
p-umc1802	6	8	257.67
p-phi100175	7	8	274.9
p-umc2154	8	8	295.3
p-bnlg2046	9	8	315.2
p-umc1343	10	8	337.2
p-umc1846	11	8	357.9
p-umc1340	12	8	377.7

Plate 4 - Row C			
Gene Name	Plate location	Linkage group (chrom.)	Map location (IBMn)
p-umc1824	1	8	397.86
p-bnlg1152	2	8	414.1
p-umc1728	3	8	432.4
p-bnlg1031	4	8	455.1
p-umc1607	5	8	466.5
p-bnlg1823	6	8	483.4
p-bnlg1828	7	8	506.8
p-umc1005	8	8	526.6
p-umc1673	9	8	546.9
p-umc1069	10	8	571.5
p-umc1663	11	8	608.1
p-bnlg1131	12	8	628.2

Plate 3 - Row D			
Gene Name	Plate location	Linkage group (chrom.)	Map location (IBMn)
p-umc1957	1	9	0
p-umc1370	2	9	17.7
p-umc1867	3	9	24.3
p-bnlg1288	4	9	43.23
p-bnlg1583	5	9	62.3
p-phi033	6	9	80.3
p-umc1170	7	9	101.1
p-umc2336	8	9	125.7
p-bnlg244	9	9	142.6
p-bnlg1372	10	9	155.16
p-umc1698	11	9	170.4
p-phi022	12	9	191.7

Plate 4 - Row E			
Gene Name	Plate location	Linkage group (chrom.)	Map location (IBMn)
p-umc1586	1	9	199.7
p-umc2337	2	9	220.1
p-umc2340	3	9	238.4
p-umc1267	4	9	257.6
p-bnlg1209	5	9	273.2
p-umc1107	6	9	285.8
p-bnlg1012	7	9	298
p-umc2121	8	9	315.7
p-umc1231	9	9	342
p-bnlg1091	10	9	351.23
p-umc1494	11	9	373.66
p-umc2343	12	9	385.3

Plate 4 - Row F			
Gene Name	Plate location	Linkage group (chrom.)	Map location (IBMn)
p-umc2134	1	9	404.3
p-umc1794	2	9	420.18
p-umc2346	3	9	461.6
p-umc1366	4	9	489.9
p-umc1310	5	9	517.73
p-phi448880	6	9	536.8
p-bnlg619	7	9	554.4
p-umc2347	8	9	578.6
p-umc1137	9	9	603.5
p-umc1982	10	9	633.2
p-umc1380	11	10	16.6
p-phi041	12	10	30.9

Plate 4 - Row G			
Gene Name	Plate location	Linkage group (chrom.)	Map location (IBMn)
p-umc1291	1	10	58.76
p-umc2053	2	10	76.2
p-umc1576	3	10	97.9
p-umc2034	4	10	120.1
p-umc1337	5	10	143.3
p-bnlg1547	6	10	161.85
p-umc1962	7	10	180.7
p-umc1345	8	10	199.5
p-bnlg1712	9	10	217.8
p-umc2348	10	10	244.6
p-MZETC34	11	10	268.1
p-umc1330	12	10	287.9

Plate 4 - Row H			
Gene Name	Plate location	Linkage group (chrom.)	Map location (IBMn)
p-umc1154	1	10	308.7
p-bnlg1074	2	10	332.1
p-umc1506	3	10	344.8
p-umc1477	4	10	366.3
p-umc2122	5	10	392.5
p-bnlg2190	6	10	412.3
p-umc1196	7	10	444.8
p-bnlg1839	8	10	466.4
p-umc1877	9	10	488.63
p-umc2021	10	10	505.5
p-umc1038	11	10	525.11
p-umc1645	12	10	578.09

