

Allele	Value			All		UK&I		NWE		Sca		CE		NEE		SEE		SWE	
				n	x	n	x	n	x	n	x	n	x	n	x	n	x	n	x
393	12			7	2%	2	2%	0	0%	0	0%	1	7%	0	0%	0	0%	0	0%
	13			286	95%	93	98%	22	96%	10	100%	13	87%	12	100%	7	100%	3	100%
	14			9	3%	0	0%	1	4%	0	0%	1	7%	0	0%	0	0%	0	0%
				302	100%	95	100%	23	100%	10	100%	15	100%	12	100%	7	100%	3	100%
390	21			1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	22			16	5%	3	3%	1	4%	0	0%	0	0%	1	8%	0	0%	0	0%
	23			256	85%	82	86%	22	96%	9	90%	13	87%	6	50%	7	100%	2	67%
	24			27	9%	9	9%	0	0%	1	10%	2	13%	5	42%	0	0%	0	0%
	25			2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	33%
				302	100%	95	100%	23	100%	10	100%	15	100%	12	100%	7	100%	3	100%
19	12			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	13			2	1%	0	0%	1	4%	0	0%	0	0%	0	0%	0	0%	0	0%
	14			284	94%	89	94%	22	96%	10	100%	15	100%	10	83%	7	100%	3	100%
	15			15	5%	6	6%	0	0%	0	0%	0	0%	2	17%	0	0%	0	0%
				302	100%	95	100%	23	100%	10	100%	15	100%	12	100%	7	100%	3	100%
391	10			82	27%	28	29%	6	26%	5	50%	5	33%	3	25%	2	29%	0	0%
	11			204	68%	61	64%	17	74%	5	50%	10	67%	9	75%	5	71%	2	67%
	12			16	5%	6	6%	0	0%	0	0%	0	0%	0	0%	0	0%	1	33%
				302	100%	95	100%	23	100%	10	100%	15	100%	12	100%	7	100%	3	100%
385	10	12		1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	10	13		1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	10	14		5	2%	3	3%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	10	15		1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	11	11		6	2%	0	0%	1	4%	0	0%	0	0%	0	0%	0	0%	0	0%
	11	12		7	2%	4	4%	0	0%	0	0%	2	13%	0	0%	0	0%	0	0%
	11	13		15	5%	8	8%	1	4%	0	0%	0	0%	0	0%	0	0%	1	33%
	11	14		229	76%	69	73%	18	78%	7	70%	12	80%	12	100%	5	71%	2	67%
	11	15		15	5%	4	4%	2	9%	1	10%	1	7%	0	0%	0	0%	0	0%
	11	16		4	1%	0	0%	0	0%	0	0%	0	0%	0	0%	2	29%	0	0%
	12	13		4	1%	2	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	12	14		12	4%	3	3%	1	4%	2	20%	0	0%	0	0%	0	0%	0	0%
	12	15		1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	13	14		1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				302	100%	95	100%	23	100%	10	100%	15	100%	12	100%	7	100%	3	100%
426	10			1	0%	0	0%	0	0%	0	0%	1	7%	0	0%	0	0%	0	0%
	11			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	12			297	98%	94	99%	22	96%	10	100%	14	93%	12	100%	7	100%	3	100%
	13			3	1%	1	1%	1	4%	0	0%	0	0%	0	0%	0	0%	0	0%
				302	0%	95	100%	23	100%	10	100%	15	100%	12	100%	7	100%	3	100%
388	10			2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	12			298	99%	94	99%	23	100%	10	100%	15	100%	12	100%	7	100%	3	100%
	13			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14			1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				302	100%	95	100%	23	100%	10	100%	15	100%	12	100%	7	100%	3	100%
439	10			3	1%	1	1%	0	0%	0	0%	0	0%	1	8%	0	0%	0	0%
	11			76	25%	26	27%	6	26%	1	10%	1	7%	8	67%	0	0%	1	33%
	12			180	60%	54	57%	14	61%	8	80%	11	73%	3	25%	6	86%	1	33%
	13			39	13%	12	13%	3	13%	1	10%	2	13%	0	0%	1	14%	1	33%
	14			4	1%	2	2%	0	0%	0	0%	1	7%	0	0%	0	0%	0	0%
				302	100%	95	100%	23	100%	10	100%	15	100%	12	100%	7	100%	3	100%
389	12	28		11	4%	4	4%	0	0%	0	0%	1	7%	0	0%	0	0%	0	0%
	12	29		2	1%	0	0%	0	0%	0	0%	1	7%	0	0%	0	0%	0	0%
	13	27		1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	13	28		32	11%	12	13%	2	9%	0	0%	0	0%	5	42%	1	14%	0	0%

R-L48 Allele Frequencies

Allele	Value		All		UK&I		NWE		Sca		CE		NEE		SEE		SWE	
			n	x	n	x	n	x	n	x	n	x	n	x	n	x	n	x
	13	29	193	64%	61	64%	18	78%	4	40%	10	67%	3	25%	4	57%	2	67%
	13	30	28	9%	8	8%	1	4%	4	40%	3	20%	0	0%	1	14%	0	0%
	13	31	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14	29	3	1%	1	1%	1	4%	0	0%	0	0%	1	8%	0	0%	0	0%
	14	30	29	10%	8	8%	1	4%	1	10%	0	0%	3	25%	1	14%	1	33%
	14	31	2	1%	0	0%	0	0%	1	10%	0	0%	0	0%	0	0%	0	0%
			302	100%	95	100%	23	100%	10	100%	15	100%	12	100%	7	100%	3	100%
392	12		2	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	13		289	96%	91	96%	22	96%	9	90%	14	93%	12	100%	5	71%	3	100%
	14		10	3%	3	3%	1	4%	1	10%	1	7%	0	0%	1	14%	0	0%
	15		1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	14%	0	0%
			302	100%	95	100%	23	100%	10	100%	15	100%	12	100%	7	100%	3	100%
458	15		5	2%	3	3%	0	0%	0	0%	1	7%	0	0%	0	0%	0	0%
	16		64	22%	24	26%	6	30%	1	10%	2	14%	1	9%	2	29%	1	33%
	17		145	50%	43	46%	9	45%	4	40%	9	64%	6	55%	4	57%	1	33%
	18		51	18%	11	12%	5	25%	3	30%	2	14%	3	27%	1	14%	0	0%
	19		18	6%	9	10%	0	0%	1	10%	0	0%	0	0%	0	0%	1	33%
	20		7	2%	3	3%	0	0%	1	10%	0	0%	1	9%	0	0%	0	0%
	21		1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
			291	100%	93	100%	20	100%	10	100%	14	100%	11	100%	7	100%	3	100%
459	7	10	1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	8	9	1	0%	0	0%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%
	8	10	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	9	9	29	10%	8	9%	2	10%	1	10%	2	14%	2	18%	0	0%	0	0%
	9	10	257	88%	84	90%	16	80%	9	90%	12	86%	9	82%	7	100%	3	100%
	10	10	2	1%	0	0%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%
			291	100%	93	100%	20	100%	10	100%	14	100%	11	100%	7	100%	3	100%
455	10		1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	11		284	98%	90	97%	20	100%	10	100%	13	93%	11	100%	7	100%	3	100%
	12		6	2%	3	3%	0	0%	0	0%	1	7%	0	0%	0	0%	0	0%
			291	100%	93	100%	20	100%	10	100%	14	100%	11	100%	7	100%	3	100%
454	10		1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	11		286	98%	92	99%	20	100%	10	100%	14	100%	11	100%	7	100%	3	100%
	12		4	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
			291	100%	93	100%	20	100%	10	100%	14	100%	11	100%	7	100%	3	100%
447	22		1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	23		14	5%	8	9%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%
	24		155	53%	50	54%	13	65%	5	50%	6	43%	2	18%	4	57%	1	33%
	25		93	32%	25	27%	5	25%	4	40%	8	57%	3	27%	2	29%	1	33%
	26		25	9%	10	11%	1	5%	1	10%	0	0%	6	55%	1	14%	1	33%
	27		3	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
			291	100%	93	100%	20	100%	10	100%	14	100%	11	100%	7	100%	3	100%
437	14		34	12%	13	14%	0	0%	1	10%	1	7%	1	9%	2	29%	0	0%
	15		249	86%	78	84%	19	95%	9	90%	12	86%	10	91%	5	71%	3	100%
	16		8	3%	2	2%	1	5%	0	0%	1	7%	0	0%	0	0%	0	0%
			291	100%	93	100%	20	100%	10	100%	14	100%	11	100%	7	100%	3	100%
448	0		2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	15		2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	17		1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	18		11	4%	3	3%	0	0%	1	10%	0	0%	1	9%	1	14%	1	33%
	19		271	93%	86	92%	20	100%	9	90%	14	100%	10	91%	6	86%	2	67%
	20		4	1%	3	3%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
			291	100%	93	100%	20	100%	10	100%	14	100%	11	100%	7	100%	3	100%
449	27		6	2%	2	2%	1	5%	0	0%	0	0%	0	0%	0	0%	1	33%

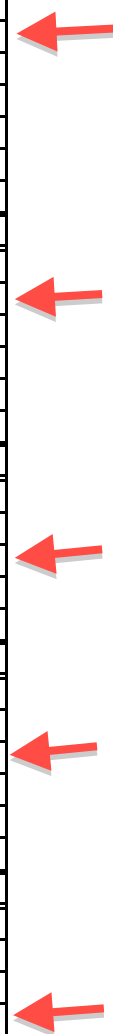
R-L48 Allele Frequencies

Allele	Value				All		UK&I		NWE		Sca		CE		NEE		SEE		SWE	
					n	x	n	x	n	x	n	x	n	x	n	x	n	x	n	x
28					60	21%	17	18%	5	25%	3	30%	1	7%	3	27%	2	29%	0	0%
	29				115	40%	37	40%	10	50%	4	40%	6	43%	3	27%	1	14%	1	33%
	30				86	30%	29	31%	3	15%	3	30%	6	43%	5	45%	4	57%	1	33%
	31				21	7%	8	9%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%
	32				3	1%	0	0%	0	0%	0	0%	1	7%	0	0%	0	0%	0	0%
					291	100%	93	100%	20	100%	10	100%	14	100%	11	100%	7	100%	3	100%
464	12	15	15	17	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	13	15	17	17	2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	13	16	18	19	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14	14	15	15	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14	14	15	17	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14	14	16	17	1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14	14	17	17	2	1%	0	0%	0	0%	0	0%	2	14%	0	0%	0	0%	0	0%
	14	14	17	18	2	1%	0	0%	0	0%	0	0%	0	0%	2	18%	0	0%	0	0%
	14	15	15	15	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	14%	0	0%
	14	15	16	17	4	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14	15	17	17	11	4%	4	4%	2	10%	2	20%	1	7%	0	0%	0	0%	0	0%
	14	15	17	18	8	3%	1	1%	0	0%	1	10%	0	0%	0	0%	0	0%	0	0%
	14	15	18	18	1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14	16	17	17	1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14	16	17	18	3	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14	16	18	18	1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	15	15	15	15	4	1%	1	1%	0	0%	0	0%	1	7%	0	0%	0	0%	0	0%
	15	15	15	17	6	2%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	15	15	15	18	7	2%	1	1%	0	0%	0	0%	1	7%	3	27%	0	0%	0	0%
	15	15	16	16	9	3%	3	3%	3	15%	0	0%	0	0%	0	0%	0	0%	0	0%
	15	15	16	17	21	7%	8	9%	1	5%	0	0%	1	7%	2	18%	1	14%	0	0%
	15	15	16	18	9	3%	0	0%	1	5%	0	0%	1	7%	1	9%	0	0%	0	0%
	15	15	17	17	52	18%	14	15%	9	45%	1	10%	3	21%	0	0%	2	29%	0	0%
	15	15	17	18	37	13%	13	14%	1	5%	4	40%	1	7%	2	18%	2	29%	1	33%
	15	15	17	19	1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	15	15	17	21	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	15	15	18	18	5	2%	1	1%	0	0%	1	10%	0	0%	0	0%	0	0%	0	0%
	15	16	16	16	1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	15	16	16	17	7	2%	2	2%	0	0%	0	0%	2	14%	0	0%	0	0%	0	0%
	15	16	16	18	10	3%	3	3%	0	0%	1	10%	0	0%	0	0%	0	0%	0	0%
	15	16	17	17	13	4%	4	4%	1	5%	0	0%	0	0%	0	0%	1	14%	0	0%
	15	16	17	18	40	14%	16	17%	2	10%	0	0%	0	0%	1	9%	0	0%	0	0%
	15	16	17	19	9	3%	3	3%	0	0%	0	0%	1	7%	0	0%	0	0%	0	0%
15	16	18	18	3	1%	3	3%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
15	17	17	18	5	2%	3	3%	0	0%	0	0%	0	0%	0	0%	0	0%	1	33%	
16	16	17	17	2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
16	16	17	18	5	2%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
16	16	17	19	1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
16	16	18	18	1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
17	17	18	18	1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
					291	100%	93	100%	20	100%	10	100%	14	100%	11	100%	7	100%	3	100%
460	10				91	32%	26	28%	10	50%	3	33%	7	50%	3	27%	4	57%	1	33%
	11				191	66%	65	71%	9	45%	6	67%	7	50%	8	73%	3	43%	2	67%
	12				6	2%	1	1%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%
					288	100%	92	100%	20	100%	9	100%	14	100%	11	100%	7	100%	3	100%
GATA H4	9				2	1%	0	0%	0	0%	1	11%	0	0%	0	0%	0	0%	0	0%
	10				126	44%	35	38%	9	45%	5	56%	3	21%	2	18%	2	29%	1	33%
	11				150	52%	53	58%	7	35%	2	22%	11	79%	9	82%	5	71%	2	67%
	12				9	3%	3	3%	4	20%	1	11%	0	0%	0	0%	0	0%	0	0%



R-L48 Allele Frequencies

Allele	Value			All		UK&I		NWE		Sca		CE		NEE		SEE		SWE	
				n	x	n	x	n	x	n	x	n	x	n	x	n	x	n	x
	13			1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				288	100%	92	100%	20	100%	9	100%	14	100%	11	100%	7	100%	3	100%
YCA II	18	23		7	2%	2	2%	0	0%	0	0%	1	7%	0	0%	0	0%	0	0%
	19	19		3	1%	1	1%	0	0%	0	0%	0	0%	1	9%	0	0%	0	0%
	19	21		7	2%	2	2%	1	5%	0	0%	0	0%	0	0%	1	14%	0	0%
	19	22		11	4%	6	7%	0	0%	0	0%	1	7%	0	0%	0	0%	0	0%
	19	23		251	87%	75	82%	19	95%	9	100%	11	79%	10	91%	6	86%	3	100%
	19	24		4	1%	3	3%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	20	23		1	0%	0	0%	0	0%	0	0%	1	7%	0	0%	0	0%	0	0%
	21	23		2	1%	2	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	21	24		1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	23	23		1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				288	100%	92	100%	20	100%	9	100%	14	100%	11	100%	7	100%	3	100%
456	14			2	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	15			74	26%	31	34%	6	30%	1	11%	8	57%	2	18%	2	29%	0	0%
	16			102	35%	31	34%	6	30%	4	44%	5	36%	7	64%	3	43%	0	0%
	17			103	36%	29	32%	8	40%	4	44%	1	7%	1	9%	1	14%	3	100%
	18			6	2%	0	0%	0	0%	0	0%	0	0%	1	9%	0	0%	0	0%
	19			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	14%	0	0%
				288	100%	92	100%	20	100%	9	100%	14	100%	11	100%	7	100%	3	100%
607	13			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14			30	10%	7	8%	2	10%	2	22%	1	7%	0	0%	1	14%	1	33%
	15			234	81%	74	80%	17	85%	5	56%	12	86%	11	100%	6	86%	2	67%
	16			22	8%	11	12%	1	5%	1	11%	1	7%	0	0%	0	0%	0	0%
	17			1	0%	0	0%	0	0%	1	11%	0	0%	0	0%	0	0%	0	0%
				288	100%	92	100%	20	100%	9	100%	14	100%	11	100%	7	100%	3	100%
576	15			5	2%	2	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	16			25	9%	15	16%	0	0%	0	0%	0	0%	0	0%	2	29%	0	0%
	17			132	46%	43	47%	10	50%	5	56%	6	43%	4	36%	3	43%	2	67%
	18			94	33%	23	25%	5	25%	3	33%	6	43%	6	55%	1	14%	1	33%
	19			22	8%	7	8%	2	10%	1	11%	1	7%	1	9%	1	14%	0	0%
	20			10	3%	2	2%	3	15%	0	0%	1	7%	0	0%	0	0%	0	0%
				288	100%	92	100%	20	100%	9	100%	14	100%	11	100%	7	100%	3	100%
570	14			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	15			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	16			29	10%	9	10%	0	0%	1	11%	3	21%	2	18%	2	29%	0	0%
	17			156	54%	60	65%	10	50%	5	56%	5	36%	1	9%	1	14%	2	67%
	18			65	23%	18	20%	4	20%	3	33%	3	21%	2	18%	3	43%	1	33%
	19			35	12%	5	5%	6	30%	0	0%	3	21%	6	55%	1	14%	0	0%
	20			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				288	100%	92	100%	20	100%	9	100%	14	100%	11	100%	7	100%	3	100%
CDY	32	37		1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	33	38		1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	34	35		1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	34	36		2	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	34	37		4	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	34	38		1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	34	39		1	0%	0	0%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%
	34	40		1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	35	35		1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	35	36		5	2%	1	1%	0	0%	0	0%	0	0%	1	9%	0	0%	0	0%
	35	37		6	2%	3	3%	0	0%	0	0%	1	7%	0	0%	0	0%	0	0%
	35	38		8	3%	1	1%	0	0%	0	0%	1	7%	2	18%	0	0%	0	0%
	35	39		5	2%	0	0%	1	5%	0	0%	2	14%	0	0%	0	0%	0	0%



R-L48 Allele Frequencies

Allele	Value			All		UK&I		NWE		Sca		CE		NEE		SEE		SWE	
				n	x	n	x	n	x	n	x	n	x	n	x	n	x	n	x
	35	40		3	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	36	36		6	2%	1	1%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%
	36	37		20	7%	6	7%	2	10%	1	11%	0	0%	3	27%	0	0%	1	33%
	36	38		28	10%	8	9%	3	15%	2	22%	1	7%	1	9%	2	29%	1	33%
	36	39		21	7%	5	5%	2	10%	1	11%	1	7%	0	0%	1	14%	0	0%
	36	40		9	3%	4	4%	0	0%	0	0%	0	0%	0	0%	1	14%	0	0%
	36	41		2	1%	2	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	36	42		1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	37	37		18	6%	5	5%	1	5%	1	11%	0	0%	1	9%	0	0%	0	0%
	37	38		34	12%	14	15%	3	15%	1	11%	3	21%	1	9%	0	0%	0	0%
	37	39		34	12%	9	10%	2	10%	2	22%	0	0%	1	9%	0	0%	0	0%
	37	40		11	4%	3	3%	1	5%	0	0%	1	7%	1	9%	0	0%	0	0%
	37	41		3	1%	2	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	38	38		18	6%	7	8%	2	10%	0	0%	1	7%	0	0%	1	14%	0	0%
	38	39		15	5%	4	4%	1	5%	0	0%	1	7%	0	0%	0	0%	1	33%
	38	40		11	4%	5	5%	0	0%	0	0%	1	7%	0	0%	1	14%	0	0%
	38	41		3	1%	2	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	39	39		4	1%	2	2%	0	0%	0	0%	1	7%	0	0%	0	0%	0	0%
	39	40		8	3%	2	2%	0	0%	1	11%	0	0%	0	0%	1	14%	0	0%
39	41		2	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
				288	100%	92	100%	20	100%	9	100%	14	100%	11	100%	7	100%	3	100%
442	11			27	9%	7	8%	2	10%	0	0%	2	14%	0	0%	1	14%	0	0%
	12			180	63%	51	55%	14	70%	6	67%	12	86%	10	91%	6	86%	2	67%
	13			64	22%	25	27%	4	20%	1	11%	0	0%	1	9%	0	0%	1	33%
	14			16	6%	8	9%	0	0%	2	22%	0	0%	0	0%	0	0%	0	0%
	15			1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				288	100%	92	100%	20	100%	9	100%	14	100%	11	100%	7	100%	3	100%
438	11			9	3%	3	3%	0	0%	0	0%	0	0%	5	45%	0	0%	0	0%
	12			275	95%	89	97%	20	100%	8	89%	13	93%	6	55%	7	100%	3	100%
	13			4	1%	0	0%	0	0%	1	11%	1	7%	0	0%	0	0%	0	0%
				288	100%	92	100%	20	100%	9	100%	14	100%	11	100%	7	100%	3	100%
531	10			3	1%	2	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	11			235	96%	77	94%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
	12			6	2%	3	4%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				244	100%	82	100%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
578	9			242	99%	82	100%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
	10			2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				244	100%	82	100%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
395S1	13	16		1	0%	0	0%	1	6%	0	0%	0	0%	0	0%	0	0%	0	0%
	14	16		1	0%	0	0%	0	0%	0	0%	1	10%	0	0%	0	0%	0	0%
	15	15		3	1%	2	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	15	16		223	91%	73	89%	16	89%	5	100%	8	80%	8	89%	6	100%	2	100%
	15	17		2	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	16	16		11	5%	5	6%	1	6%	0	0%	1	10%	1	11%	0	0%	0	0%
16	17		3	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
				244	100%	82	100%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
590	7			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	8			242	99%	82	100%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
	9			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				244	0%	82	100%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
537	10			232	95%	79	96%	17	94%	4	80%	10	100%	9	100%	6	100%	2	100%
	11			10	4%	3	4%	1	6%	1	20%	0	0%	0	0%	0	0%	0	0%
	12			2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				244	100%	82	100%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%



R-L48 Allele Frequencies

Allele	Value			All		UK&I		NWE		Sca		CE		NEE		SEE		SWE	
				n	x	n	x	n	x	n	x	n	x	n	x	n	x	n	x
641	10			242	99%	80	98%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
	11			2	1%	2	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				244	100%	82	100%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
472	8			244	100%	82	100%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
				244	100%	82	100%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
406S1	0			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	8			1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	9			9	4%	2	2%	0	0%	0	0%	0	0%	1	11%	0	0%	1	50%
	10			218	89%	72	88%	18	100%	4	80%	9	90%	7	78%	5	83%	1	50%
	11			14	6%	7	9%	0	0%	1	20%	1	10%	0	0%	1	17%	0	0%
	12			1	0%	0	0%	0	0%	0	0%	0	0%	1	11%	0	0%	0	0%
				244	100%	82	100%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
511	9			6	2%	2	2%	2	11%	0	0%	0	0%	0	0%	1	17%	0	0%
	10			218	89%	69	84%	15	83%	4	80%	10	100%	9	100%	5	83%	2	100%
	11			20	8%	11	13%	1	6%	1	20%	0	0%	0	0%	0	0%	0	0%
				244	100%	82	100%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
425	0			55	22%	15	18%	8	44%	0	0%	5	50%	1	11%	3	50%	0	0%
	8			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	11			1	0%	0	0%	1	6%	0	0%	0	0%	0	0%	0	0%	0	0%
	12			186	76%	66	80%	9	50%	4	80%	5	50%	8	89%	3	50%	2	100%
	13			2	1%	1	1%	0	0%	1	20%	0	0%	0	0%	0	0%	0	0%
				245	100%	82	100%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
413	18	23		1	0%	0	0%	0	0%	1	20%	0	0%	0	0%	0	0%	0	0%
	21	21		1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	21	22		1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	21	23		16	7%	5	6%	2	11%	1	20%	0	0%	0	0%	2	33%	0	0%
	21	24		1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	22	22		2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	22	23		21	9%	6	7%	3	17%	0	0%	1	10%	0	0%	1	17%	0	0%
	22	25		2	1%	2	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	23	23		176	72%	58	71%	11	61%	3	60%	9	90%	5	56%	3	50%	2	100%
	23	24		19	8%	11	13%	1	6%	0	0%	0	0%	0	0%	0	0%	0	0%
	23	25		3	1%	0	0%	1	6%	0	0%	0	0%	2	22%	0	0%	0	0%
	25	25		2	1%	0	0%	0	0%	0	0%	0	0%	2	22%	0	0%	0	0%
				245	100%	82	100%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
557	14			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	15			19	8%	7	9%	1	6%	0	0%	1	10%	0	0%	2	33%	0	0%
	16			194	79%	65	79%	15	83%	5	100%	8	80%	9	100%	3	50%	2	100%
	17			27	11%	8	10%	2	11%	0	0%	1	10%	0	0%	1	17%	0	0%
	18			4	2%	2	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				245	100%	82	100%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
594	10			241	98%	80	98%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
	11			4	2%	2	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				245	98%	80	98%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
436	12			243	99%	81	99%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
	13			2	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				245	99%	81	99%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
490	10			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	12			241	98%	81	99%	17	94%	5	100%	10	100%	9	100%	6	100%	2	100%
	13			3	1%	1	1%	1	6%	0	0%	0	0%	0	0%	0	0%	0	0%
				245	100%	82	100%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
534	13			2	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14			9	4%	3	4%	1	6%	0	0%	0	0%	1	11%	1	17%	1	50%
	15			117	48%	37	45%	7	39%	1	20%	4	40%	4	44%	0	0%	1	50%



R-L48 Allele Frequencies

Allele	Value			All		UK&I		NWE		Sca		CE		NEE		SEE		SWE	
				n	x	n	x	n	x	n	x	n	x	n	x	n	x	n	x
	16			73	30%	29	35%	6	33%	2	40%	3	30%	2	22%	4	67%	0	0%
	17			31	13%	9	11%	2	11%	2	40%	3	30%	2	22%	1	17%	0	0%
	18			10	4%	2	2%	2	11%	0	0%	0	0%	0	0%	0	0%	0	0%
	19			3	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				245	100%	82	100%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
450	8			242	99%	80	98%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
	9			3	1%	2	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				245	99%	80	98%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
444	11			10	4%	2	2%	1	6%	1	20%	0	0%	0	0%	0	0%	0	0%
	12			191	78%	66	80%	13	72%	3	60%	8	80%	7	78%	3	50%	1	50%
	13			40	16%	13	16%	3	17%	1	20%	2	20%	1	11%	3	50%	1	50%
	14			3	1%	1	1%	1	6%	0	0%	0	0%	0	0%	0	0%	0	0%
	15			1	0%	0	0%	0	0%	0	0%	0	0%	1	11%	0	0%	0	0%
				245	100%	82	100%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
481	19			2	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	20			3	1%	0	0%	0	0%	0	0%	1	10%	0	0%	2	33%	0	0%
	21			19	8%	5	6%	4	22%	0	0%	2	20%	0	0%	0	0%	0	0%
	22			160	65%	57	70%	10	56%	5	100%	5	50%	3	33%	3	50%	1	50%
	23			46	19%	14	17%	3	17%	0	0%	0	0%	3	33%	1	17%	1	50%
	24			14	6%	4	5%	1	6%	0	0%	2	20%	3	33%	0	0%	0	0%
25			1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
				245	100%	82	100%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
520	19			10	4%	5	6%	0	0%	0	0%	1	10%	0	0%	0	0%	0	0%
	20			209	85%	70	85%	15	83%	5	100%	7	70%	5	56%	6	100%	2	100%
	21			26	11%	7	9%	3	17%	0	0%	2	20%	4	44%	0	0%	0	0%
				245	100%	82	100%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
446	11			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	12			18	7%	5	6%	3	17%	0	0%	1	10%	0	0%	1	17%	1	50%
	13			198	81%	69	84%	13	72%	5	100%	6	60%	9	100%	4	67%	1	50%
	14			24	10%	6	7%	2	11%	0	0%	3	30%	0	0%	0	0%	0	0%
	15			4	2%	2	2%	0	0%	0	0%	0	0%	0	0%	1	17%	0	0%
				245	100%	82	100%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
617	11			3	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	12			239	98%	79	96%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
	13			3	1%	2	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				245	100%	82	100%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
568	10			10	4%	5	6%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	11			233	95%	76	93%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
	12			2	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				245	100%	82	100%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
487	12			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	13			231	94%	78	95%	18	100%	4	80%	9	90%	8	89%	6	100%	2	100%
	14			12	5%	4	5%	0	0%	1	20%	1	10%	1	11%	0	0%	0	0%
	15			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				245	100%	82	100%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
572	10			16	7%	7	9%	1	6%	0	0%	0	0%	0	0%	0	0%	0	0%
	11			224	91%	75	91%	15	83%	5	100%	10	100%	7	78%	6	100%	2	100%
	12			5	2%	0	0%	2	11%	0	0%	0	0%	2	22%	0	0%	0	0%
				245	100%	82	100%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
640	9			1	0%	0	0%	0	0%	1	20%	0	0%	0	0%	0	0%	0	0%
	11			239	98%	81	99%	18	100%	4	80%	10	100%	9	100%	6	100%	2	100%
	12			5	2%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				245	100%	82	100%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%



R-L48 Allele Frequencies

Allele	Value			All		UK&I		NWE		Sca		CE		NEE		SEE		SWE	
				n	x	n	x	n	x	n	x	n	x	n	x	n	x	n	x
492	10			1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	12			1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	13			232	95%	74	90%	18	100%	5	100%	9	90%	9	100%	6	100%	2	100%
	14			10	4%	6	7%	0	0%	0	0%	1	10%	0	0%	0	0%	0	0%
	15			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				245	100%	82	100%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%
565	10			3	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	11			15	6%	4	5%	1	6%	0	0%	2	20%	0	0%	0	0%	0	0%
	12			223	91%	77	94%	17	94%	5	100%	7	70%	9	100%	6	100%	2	100%
	13			4	2%	1	1%	0	0%	0	0%	1	10%	0	0%	0	0%	0	0%
				245	100%	82	100%	18	100%	5	100%	10	100%	9	100%	6	100%	2	100%

