

R-U106x Allele Frequencies (L1-,U198-,L48-)

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	11			1	1%	0	0%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%
	12			13	7%	1	2%	1	5%	3	30%	0	0%	0	0%	0	0%	1	33%
	13			165	88%	44	90%	19	90%	7	70%	6	100%	9	100%	4	100%	2	67%
	14			7	4%	3	6%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	15			1	1%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				187	100%	49	100%	21	100%	10	100%	6	100%	9	100%	4	100%	3	100%
390	22			1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	23			29	16%	6	12%	3	14%	4	40%	2	33%	0	0%	0	0%	0	0%
	24			125	67%	34	69%	16	76%	6	60%	3	50%	6	67%	4	100%	1	33%
	25			28	15%	7	14%	2	10%	0	0%	1	17%	3	33%	0	0%	2	67%
	26			4	2%	2	4%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				187	100%	49	100%	21	100%	10	100%	6	100%	9	100%	4	100%	3	100%
19	13			2	1%	0	0%	0	0%	0	0%	0	0%	1	11%	0	0%	0	0%
	14			163	87%	44	90%	18	86%	9	90%	6	100%	7	78%	3	75%	3	100%
	15			21	11%	5	10%	2	10%	1	10%	0	0%	1	11%	1	25%	0	0%
	16			1	1%	0	0%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%
				187	100%	49	100%	21	100%	10	100%	6	100%	9	100%	4	100%	3	100%
391	9			1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	10			69	37%	16	33%	6	29%	3	30%	3	50%	3	33%	2	50%	1	33%
	11			116	62%	32	65%	15	71%	7	70%	3	50%	6	67%	2	50%	2	67%
	12			1	1%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				187	100%	49	100%	21	100%	10	100%	6	100%	9	100%	4	100%	3	100%
385	10	12		1	1%	0	0%	0	0%	0	0%	0	0%	1	11%	0	0%	0	0%
	10	14		5	3%	1	2%	1	5%	0	0%	1	17%	0	0%	0	0%	0	0%
	10	15		1	1%	0	0%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%
	11	11		3	2%	1	2%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%
	11	12		2	1%	0	0%	0	0%	0	0%	0	0%	1	11%	0	0%	0	0%
	11	13		9	5%	2	4%	1	5%	1	10%	0	0%	0	0%	0	0%	1	33%
	11	14		107	57%	26	53%	12	57%	8	80%	5	83%	4	44%	3	75%	0	0%
	11	15		37	20%	12	24%	3	14%	1	10%	0	0%	1	11%	1	25%	2	67%
	11	16		7	4%	3	6%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	12	12		1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	12	14		13	7%	4	8%	2	10%	0	0%	0	0%	2	22%	0	0%	0	0%
12	15		1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
				187	100%	49	100%	21	100%	10	100%	6	100%	9	100%	4	100%	3	100%
426	11			3	2%	0	0%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%
	12			180	96%	48	98%	20	95%	10	100%	6	100%	9	100%	4	100%	3	100%
	13			4	2%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				187	100%	49	100%	21	100%	10	100%	6	100%	9	100%	4	100%	3	100%
388	12			182	97%	48	98%	19	90%	10	100%	6	100%	9	100%	4	100%	3	100%
	13			5	3%	1	2%	2	10%	0	0%	0	0%	0	0%	0	0%	0	0%
				187	100%	49	100%	21	100%	10	100%	6	100%	9	100%	4	100%	3	100%
439	11			39	21%	10	20%	2	10%	5	50%	1	17%	2	22%	1	25%	2	67%
	12			117	63%	30	61%	13	62%	4	40%	4	67%	5	56%	3	75%	1	33%
	13			29	16%	8	16%	5	24%	1	10%	1	17%	2	22%	0	0%	0	0%
	14			1	1%	0	0%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%
	15			1	1%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				187	100%	49	100%	21	100%	10	100%	6	100%	9	100%	4	100%	3	100%
389	11	26		1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	11	27		2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	12	28		3	2%	2	4%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	12	29		1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	12	30		1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	13	28		8	4%	1	2%	4	20%	0	0%	0	0%	0	0%	0	0%	0	0%
					187	100%	49	100%	21	100%	10	100%	6	100%	9	100%	4	100%	3

R-U106x Allele Frequencies (L1-,U198-,L48-)

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			123	66%	37	76%	8	40%	8	80%	6	100%	4	44%	2	50%	2	67%
	13 30			26	14%	5	10%	3	15%	2	20%	0	0%	3	33%	1	25%	1	33%
	13 31			5	3%	1	2%	2	10%	0	0%	0	0%	1	11%	0	0%	0	0%
	13 32			1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14 29			1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14 30			8	4%	3	6%	2	10%	0	0%	0	0%	0	0%	1	25%	0	0%
	14 31			6	3%	0	0%	1	5%	0	0%	0	0%	1	11%	0	0%	0	0%
	15 32			1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				187	100%	49	100%	20	100%	10	100%	6	100%	9	100%	4	100%	3	100%
392	12			2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	13			174	93%	48	98%	20	95%	10	100%	5	83%	8	89%	4	100%	3	100%
	14			10	5%	1	2%	1	5%	0	0%	1	17%	1	11%	0	0%	0	0%
	16			1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				187	100%	49	100%	21	100%	10	100%	6	100%	9	100%	4	100%	3	100%
458	14			1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	15			3	2%	1	2%	1	5%	0	0%	1	20%	0	0%	0	0%	0	0%
	16			37	20%	12	24%	3	15%	1	10%	0	0%	2	25%	2	50%	2	67%
	17			84	46%	22	45%	7	35%	4	40%	4	80%	4	50%	2	50%	1	33%
	18			40	22%	10	20%	6	30%	2	20%	0	0%	2	25%	0	0%	0	0%
	19			12	7%	4	8%	2	10%	2	20%	0	0%	0	0%	0	0%	0	0%
20			4	2%	0	0%	1	5%	1	10%	0	0%	0	0%	0	0%	0	0%	
				181	100%	49	100%	20	100%	10	100%	5	100%	8	100%	4	100%	3	100%
459	7 10			3	2%	0	0%	0	0%	0	0%	0	0%	0	0%	1	25%	0	0%
	8 10			3	2%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	9 9			31	17%	11	22%	3	15%	4	40%	0	0%	1	13%	1	25%	1	33%
	9 10			144	80%	37	76%	17	85%	6	60%	5	100%	7	88%	2	50%	2	67%
				181	100%	49	100%	20	100%	10	100%	5	100%	8	100%	4	100%	3	100%
455	10			5	3%	2	4%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	11			175	97%	47	96%	20	100%	10	100%	5	100%	7	88%	4	100%	3	100%
	12			1	1%	0	0%	0	0%	0	0%	0	0%	1	13%	0	0%	0	0%
				181	100%	49	100%	20	100%	10	100%	5	100%	8	100%	4	100%	3	100%
454	11			179	99%	49	100%	20	100%	9	90%	5	100%	8	100%	4	100%	3	100%
	12			2	1%	0	0%	0	0%	1	10%	0	0%	0	0%	0	0%	0	0%
				181	100%	49	100%	20	100%	9	100%	5	100%	8	100%	4	100%	3	100%
447	20			2	1%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	23			6	3%	3	6%	0	0%	0	0%	0	0%	1	13%	1	25%	0	0%
	24			31	17%	9	18%	1	5%	2	20%	1	20%	2	25%	1	25%	0	0%
	25			118	65%	29	59%	13	65%	6	60%	4	80%	3	38%	1	25%	3	100%
	26			20	11%	6	12%	6	30%	1	10%	0	0%	1	13%	1	25%	0	0%
27			4	2%	1	2%	0	0%	1	10%	0	0%	1	13%	0	0%	0	0%	
				181	100%	49	100%	20	100%	10	100%	5	100%	8	100%	4	100%	3	100%
437	14			27	15%	13	27%	2	10%	1	10%	1	20%	1	13%	0	0%	0	0%
	15			146	81%	33	67%	18	90%	7	70%	4	80%	7	88%	4	100%	3	100%
	16			7	4%	2	4%	0	0%	2	20%	0	0%	0	0%	0	0%	0	0%
	17			1	1%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				181	100%	49	100%	20	100%	10	100%	5	100%	8	100%	4	100%	3	100%
448	18			5	3%	0	0%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%
	19			168	93%	45	92%	19	95%	10	100%	5	100%	7	88%	4	100%	3	100%
	20			8	4%	4	8%	0	0%	0	0%	0	0%	1	13%	0	0%	0	0%
				181	100%	49	100%	20	100%	10	100%	5	100%	8	100%	4	100%	3	100%
449	27			3	2%	1	2%	1	5%	0	0%	0	0%	1	13%	0	0%	0	0%
	28			20	11%	7	14%	1	5%	1	10%	1	20%	1	13%	1	25%	0	0%
	29			76	42%	21	43%	5	25%	5	50%	2	40%	2	25%	0	0%	1	33%

R-U106x Allele Frequencies (L1-,U198-,L48-)

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	
	30				53	29%	14	29%	8	40%	3	30%	1	20%	2	25%	3	75%	2	67%	
	31				22	12%	6	12%	4	20%	1	10%	0	0%	2	25%	0	0%	0	0%	
	32				6	3%	0	0%	1	5%	0	0%	1	20%	0	0%	0	0%	0	0%	
	33				1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
				181	100%	49	100%	20	100%	10	100%	5	100%	8	100%	4	100%	3	100%		
<b>464</b>	12	14	15	15	1	1%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
	13	15	15	16	1	1%	0	0%	0	0%	0	0%	1	20%	0	0%	0	0%	0	0%	
	13	15	17	17	1	1%	0	0%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%	
	14	14	17	17	2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
	14	14	17	18	1	1%	0	0%	0	0%	0	0%	1	14%	0	0%	0	0%	0	0%	
	14	15	15	16	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
	14	15	15	17	1	1%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
	14	15	16	16	1	1%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
	14	15	16	17	5	3%	3	6%	1	5%	1	10%	0	0%	0	0%	0	0%	0	0%	
	14	15	17	17	2	1%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
	14	15	17	18	1	1%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
	14	16	17	17	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
	15	15	15	15	2	1%	2	4%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
	15	15	15	16	5	3%	3	6%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
	15	15	15	17	11	6%	3	6%	1	5%	0	0%	1	20%	2	29%	0	0%	0	0%	
	15	15	15	18	3	2%	1	2%	1	5%	0	0%	0	0%	1	14%	0	0%	0	0%	
	15	15	16	16	9	5%	4	8%	2	10%	0	0%	0	0%	2	29%	0	0%	0	0%	
	15	15	16	17	45	25%	11	22%	1	5%	2	20%	2	40%	0	0%	1	25%	1	33%	
	15	15	16	18	4	2%	0	0%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%	
	15	15	17	17	33	19%	10	20%	7	35%	4	40%	0	0%	0	0%	1	25%	2	67%	
	15	15	17	18	13	7%	3	6%	0	0%	0	0%	1	14%	0	0%	0	0%	0	0%	
	15	15	17	19	1	1%	0	0%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%	
	15	15	18	18	4	2%	1	2%	0	0%	1	10%	1	20%	0	0%	0	0%	0	0%	
	15	16	16	16	3	2%	0	0%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%	
	15	16	16	17	7	4%	2	4%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
	15	16	16	18	4	2%	0	0%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%	
	15	16	17	17	9	5%	0	0%	0	0%	2	20%	0	0%	0	0%	1	25%	0	0%	
15	16	17	18	4	2%	1	2%	0	0%	0	0%	0	0%	0	0%	1	25%	0	0%		
16	16	16	17	2	1%	0	0%	2	10%	0	0%	0	0%	0	0%	0	0%	0	0%		
16	17	17	18	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%		
16	17	18	18	1	1%	0	0%	0	0%	0	0%	0	0%	1	14%	0	0%	0	0%		
17	17	17	17	2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%		
				181	102%	49	100%	20	100%	10	100%	5	100%	8	114%	4	100%	3	100%		
<b>460</b>	10				38	21%	8	17%	5	25%	3	33%	2	40%	1	13%	1	25%	1	33%	
	11				132	74%	36	77%	14	70%	6	67%	3	60%	6	75%	3	75%	2	67%	
	12				7	4%	3	6%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%	
	13				1	1%	0	0%	0	0%	0	0%	0	0%	1	13%	0	0%	0	0%	
				178	100%	47	100%	20	100%	9	100%	5	100%	8	100%	4	100%	3	100%		
<b>GATA H4</b>	10				31	17%	11	23%	3	15%	0	0%	2	40%	2	25%	2	50%	0	0%	
	11				139	78%	36	77%	15	75%	8	89%	3	60%	6	75%	2	50%	3	100%	
	12				8	4%	0	0%	2	10%	1	11%	0	0%	0	0%	0	0%	0	0%	
				178	100%	47	100%	20	100%	9	100%	5	100%	8	100%	4	100%	3	100%		
<b>YCA II</b>	17	23			1	1%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
	18	23			3	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
	19	19			2	1%	1	2%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%	
	19	21			9	5%	5	11%	0	0%	0	0%	2	40%	0	0%	0	0%	0	0%	
	19	22			24	13%	5	11%	1	5%	1	11%	0	0%	1	13%	2	50%	0	0%	
	19	23			122	69%	29	62%	17	85%	5	56%	3	60%	6	75%	1	25%	3	100%	
	19	24			9	5%	3	6%	1	5%	1	11%	0	0%	0	0%	0	0%	0	0%	

R-U106x Allele Frequencies (L1-,U198-,L48-)

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
	19 25			1	1%	0	0%	0	0%	0	0%	0	0%	1	13%	0	0%	0	0%
	20 23			2	1%	2	4%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	21 22			1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	1	25%	0	0%
	22 22			1	1%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	23 23			3	2%	0	0%	0	0%	2	22%	0	0%	0	0%	0	0%	0	0%
				178	100%	47	100%	20	100%	9	100%	5	100%	8	100%	4	100%	3	100%
456	13			1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14			3	2%	1	2%	0	0%	1	11%	0	0%	0	0%	0	0%	0	0%
	15			62	35%	15	32%	8	40%	0	0%	1	20%	3	38%	1	25%	0	0%
	16			91	51%	27	57%	11	55%	7	78%	3	60%	4	50%	3	75%	3	100%
	17			18	10%	3	6%	1	5%	1	11%	1	20%	1	13%	0	0%	0	0%
18			3	2%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
				178	100%	47	100%	20	100%	9	100%	5	100%	8	100%	4	100%	3	100%
607	12			1	1%	0	0%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%
	13			2	1%	0	0%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%
	14			30	17%	8	17%	2	10%	0	0%	1	20%	1	13%	0	0%	1	33%
	15			133	75%	36	77%	15	75%	9	100%	4	80%	6	75%	4	100%	1	33%
	16			11	6%	2	4%	1	5%	0	0%	0	0%	1	13%	0	0%	1	33%
17			1	1%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
				178	100%	47	100%	20	100%	9	100%	5	100%	8	100%	4	100%	3	100%
576	15			4	2%	0	0%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%
	16			29	16%	4	9%	4	20%	0	0%	2	40%	1	13%	0	0%	1	33%
	17			67	38%	16	34%	6	30%	4	44%	1	20%	2	25%	2	50%	1	33%
	18			42	24%	16	34%	4	20%	2	22%	1	20%	2	25%	1	25%	0	0%
	19			29	16%	9	19%	4	20%	2	22%	1	20%	1	13%	1	25%	1	33%
	20			6	3%	2	4%	0	0%	1	11%	0	0%	2	25%	0	0%	0	0%
21			1	1%	0	0%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%	
				178	100%	47	100%	20	100%	9	100%	5	100%	8	100%	4	100%	3	100%
570	14			1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	33%
	15			1	1%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	16			23	13%	8	17%	3	15%	3	33%	0	0%	1	13%	0	0%	0	0%
	17			92	52%	21	45%	10	50%	4	44%	4	80%	6	75%	2	50%	2	67%
	18			46	26%	13	28%	5	25%	2	22%	1	20%	1	13%	1	25%	0	0%
	19			13	7%	4	9%	2	10%	0	0%	0	0%	0	0%	1	25%	0	0%
20			2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
				178	100%	47	100%	20	100%	9	100%	5	100%	8	100%	4	100%	3	100%
CDY	31 40			1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	32 39			1	1%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	32 40			1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	33%
	33 36			1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	33 37			1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	34 35			1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	34 36			1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	34 37			2	1%	0	0%	0	0%	1	11%	0	0%	0	0%	0	0%	0	0%
	35 35			1	1%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	35 36			4	2%	0	0%	2	10%	0	0%	0	0%	0	0%	0	0%	0	0%
	35 37			7	4%	0	0%	2	10%	0	0%	0	0%	0	0%	0	0%	0	0%
	35 38			13	7%	6	13%	1	5%	1	11%	0	0%	0	0%	1	25%	0	0%
	35 39			12	7%	1	2%	1	5%	1	11%	1	20%	2	25%	1	25%	0	0%
	35 40			2	1%	1	2%	0	0%	1	11%	0	0%	0	0%	0	0%	0	0%
	35 41			1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	36 36			6	3%	1	2%	1	5%	0	0%	0	0%	1	13%	0	0%	0	0%
	36 37			21	12%	6	13%	4	20%	1	11%	2	40%	1	13%	0	0%	0	0%
	36 38			19	11%	7	15%	1	5%	1	11%	0	0%	2	25%	1	25%	0	0%

R-U106x Allele Frequencies (L1-,U198-,L48-)

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
	36 39			11	6%	4	9%	0	0%	0	0%	0	0%	1	13%	0	0%	0	0%
	36 40			2	1%	1	2%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%
	36 41			2	1%	0	0%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%
	37 37			12	7%	4	9%	0	0%	1	11%	0	0%	0	0%	0	0%	0	0%
	<b>37 38</b>			<b>28</b>	<b>16%</b>	<b>11</b>	<b>23%</b>	<b>2</b>	<b>10%</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>0</b>	<b>0%</b>	<b>1</b>	<b>25%</b>	<b>0</b>	<b>0%</b>
	37 39			8	4%	2	4%	2	10%	0	0%	0	0%	0	0%	0	0%	0	0%
	37 40			2	1%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%	<b>1</b>	<b>33%</b>
	38 38			8	4%	0	0%	0	0%	<b>2</b>	<b>22%</b>	0	0%	1	13%	0	0%	<b>1</b>	<b>33%</b>
	38 39			6	3%	0	0%	0	0%	0	0%	1	20%	0	0%	0	0%	0	0%
	38 40			2	1%	0	0%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%
38 41			2	1%	0	0%	1	5%	0	0%	1	20%	0	0%	0	0%	0	0%	
				178	100%	47	100%	20	100%	9	100%	5	100%	8	100%	4	100%	3	100%
442	10			2	1%	1	2%	1	5%	0	0%	0	0%	0	0%	0	0%	0	0%
	11			28	16%	9	19%	3	15%	2	22%	0	0%	2	25%	0	0%	0	0%
	<b>12</b>			<b>129</b>	<b>72%</b>	<b>32</b>	<b>68%</b>	<b>15</b>	<b>75%</b>	<b>5</b>	<b>56%</b>	<b>3</b>	<b>60%</b>	<b>5</b>	<b>63%</b>	<b>3</b>	<b>75%</b>	<b>3</b>	<b>100%</b>
	13			18	10%	5	11%	1	5%	2	22%	2	40%	1	13%	1	25%	0	0%
	14			1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				178	100%	47	100%	20	100%	9	100%	5	100%	8	100%	4	100%	3	100%
438	11			8	4%	3	6%	0	0%	0	0%	1	20%	1	13%	0	0%	0	0%
	<b>12</b>			<b>166</b>	<b>93%</b>	<b>44</b>	<b>94%</b>	<b>19</b>	<b>95%</b>	<b>9</b>	<b>100%</b>	<b>4</b>	<b>80%</b>	<b>6</b>	<b>75%</b>	<b>4</b>	<b>100%</b>	<b>3</b>	<b>100%</b>
	13			2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14			2	1%	0	0%	1	5%	0	0%	0	0%	1	13%	0	0%	0	0%
				178	100%	47	100%	20	100%	9	100%	5	100%	8	100%	4	100%	3	100%
531	<b>11</b>			<b>145</b>	<b>98%</b>	<b>38</b>	<b>97%</b>	<b>14</b>	<b>93%</b>	<b>8</b>	<b>100%</b>	<b>4</b>	<b>80%</b>	<b>6</b>	<b>100%</b>	<b>3</b>	<b>100%</b>	<b>3</b>	<b>100%</b>
	12			3	2%	1	3%	1	7%	0	0%	1	20%	0	0%	0	0%	0	0%
				148	100%	39	100%	15	100%	8	100%	5	100%	6	100%	3	100%	3	100%
578	<b>9</b>			<b>146</b>	<b>99%</b>	<b>38</b>	<b>97%</b>	<b>15</b>	<b>100%</b>	<b>8</b>	<b>100%</b>	<b>5</b>	<b>100%</b>	<b>6</b>	<b>100%</b>	<b>3</b>	<b>100%</b>	<b>3</b>	<b>100%</b>
	10			2	1%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				148	100%	39	100%	15	100%	8	100%	5	100%	6	100%	3	100%	3	100%
395S1	15 15			4	3%	1	3%	0	0%	0	0%	<b>2</b>	<b>40%</b>	1	17%	0	0%	0	0%
	<b>15 16</b>			<b>115</b>	<b>78%</b>	<b>32</b>	<b>82%</b>	<b>12</b>	<b>80%</b>	<b>8</b>	<b>100%</b>	<b>2</b>	<b>40%</b>	<b>5</b>	<b>83%</b>	<b>3</b>	<b>100%</b>	<b>2</b>	<b>67%</b>
	16 16			27	18%	6	15%	3	20%	0	0%	1	20%	0	0%	0	0%	1	33%
	16 17			1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	17 17			1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				148	100%	39	100%	15	100%	8	100%	5	100%	6	100%	3	100%	3	100%
590	<b>8</b>			<b>148</b>	<b>100%</b>	<b>39</b>	<b>100%</b>	<b>15</b>	<b>100%</b>	<b>8</b>	<b>100%</b>	<b>5</b>	<b>100%</b>	<b>6</b>	<b>100%</b>	<b>3</b>	<b>100%</b>	<b>3</b>	<b>100%</b>
				148	100%	39	100%	15	100%	8	100%	5	100%	6	100%	3	100%	3	100%
537	<b>10</b>			<b>143</b>	<b>97%</b>	<b>38</b>	<b>97%</b>	<b>14</b>	<b>93%</b>	<b>8</b>	<b>100%</b>	<b>5</b>	<b>100%</b>	<b>6</b>	<b>100%</b>	<b>3</b>	<b>100%</b>	<b>3</b>	<b>100%</b>
	11			5	3%	1	3%	1	7%	0	0%	0	0%	0	0%	0	0%	0	0%
				148	100%	39	100%	15	100%	8	100%	5	100%	6	100%	3	100%	3	100%
641	<b>10</b>			<b>146</b>	<b>99%</b>	<b>39</b>	<b>100%</b>	<b>15</b>	<b>100%</b>	<b>8</b>	<b>100%</b>	<b>5</b>	<b>100%</b>	<b>6</b>	<b>100%</b>	<b>3</b>	<b>100%</b>	<b>3</b>	<b>100%</b>
	11			2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				148	99%	39	100%	15	100%	8	100%	5	100%	6	100%	3	100%	3	100%
472	<b>8</b>			<b>148</b>	<b>100%</b>	<b>39</b>	<b>100%</b>	<b>15</b>	<b>100%</b>	<b>8</b>	<b>100%</b>	<b>5</b>	<b>100%</b>	<b>6</b>	<b>100%</b>	<b>3</b>	<b>100%</b>	<b>3</b>	<b>100%</b>
				148	100%	39	100%	15	100%	8	100%	5	100%	6	100%	3	100%	3	100%
406S1	9			4	3%	0	0%	<b>0</b>	0%	1	13%	<b>0</b>	0%	<b>0</b>	0%	<b>0</b>	0%	<b>0</b>	0%
	<b>10</b>			<b>129</b>	<b>87%</b>	<b>34</b>	<b>87%</b>	<b>13</b>	<b>87%</b>	<b>5</b>	<b>63%</b>	<b>4</b>	<b>80%</b>	<b>6</b>	<b>100%</b>	<b>3</b>	<b>100%</b>	<b>3</b>	<b>100%</b>
	11			12	8%	3	8%	2	13%	2	25%	1	20%	0	0%	0	0%	0	0%
	12			3	2%	2	5%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				148	100%	39	100%	15	100%	8	100%	5	100%	6	100%	3	100%	3	100%
511	9			6	4%	3	8%	2	13%	0	0%	0	0%	0	0%	0	0%	0	0%
	<b>10</b>			<b>119</b>	<b>80%</b>	<b>29</b>	<b>74%</b>	<b>11</b>	<b>73%</b>	<b>8</b>	<b>100%</b>	<b>5</b>	<b>100%</b>	<b>6</b>	<b>100%</b>	<b>3</b>	<b>100%</b>	<b>3</b>	<b>100%</b>
	11			21	14%	6	15%	2	13%	0	0%	0	0%	0	0%	0	0%	0	0%

R-U106x Allele Frequencies (L1-,U198-,L48-)

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
	12			2	1%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				148	100%	39	100%	15	100%	8	100%	5	100%	6	100%	3	100%	3	100%
425	0			2	1%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	10			1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	12			145	98%	38	97%	15	100%	8	100%	5	100%	6	100%	3	100%	3	100%
				148	100%	39	100%	15	100%	8	100%	5	100%	6	100%	3	100%	3	100%
413	20	23		2	1%	0	0%	1	7%	0	0%	0	0%	0	0%	1	33%	0	0%
	21	22		2	1%	1	3%	1	7%	0	0%	0	0%	0	0%	0	0%	0	0%
	21	23		9	6%	3	8%	1	7%	2	25%	0	0%	1	17%	0	0%	0	0%
	21	24		1	1%	0	0%	1	7%	0	0%	0	0%	0	0%	0	0%	0	0%
	22	22		6	4%	1	3%	1	7%	0	0%	0	0%	1	17%	0	0%	0	0%
	22	23		16	11%	4	10%	0	0%	0	0%	0	0%	0	0%	1	33%	1	33%
	23	23		95	64%	28	72%	8	53%	6	75%	4	80%	2	33%	0	0%	2	67%
	23	24		10	7%	0	0%	2	13%	0	0%	0	0%	0	0%	1	33%	0	0%
	23	25		4	3%	2	5%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	23	26		2	1%	0	0%	0	0%	0	0%	0	0%	2	33%	0	0%	0	0%
25	26		1	1%	0	0%	0	0%	0	0%	1	20%	0	0%	0	0%	0	0%	
				148	100%	39	100%	15	100%	8	100%	5	100%	6	100%	3	100%	3	100%
557	13			1	1%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14			2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	15			26	18%	9	23%	1	7%	0	0%	0	0%	1	17%	1	33%	2	67%
	16			91	61%	24	62%	9	60%	6	75%	4	80%	4	67%	1	33%	1	33%
	17			27	18%	5	13%	4	27%	2	25%	1	20%	1	17%	1	33%	0	0%
	18			1	1%	0	0%	1	7%	0	0%	0	0%	0	0%	0	0%	0	0%
				148	100%	39	100%	15	100%	8	100%	5	100%	6	100%	3	100%	3	100%
594	9			2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	10			142	96%	39	100%	15	100%	8	100%	4	80%	6	100%	3	100%	3	100%
	11			3	2%	0	0%	0	0%	0	0%	1	20%	0	0%	0	0%	0	0%
	12			1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				148	100%	39	100%	15	100%	8	100%	5	100%	6	100%	3	100%	3	100%
436	12			146	99%	39	100%	15	100%	8	100%	5	100%	6	100%	3	100%	3	100%
	13			2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				148	100%	39	100%	15	100%	8	100%	5	100%	6	100%	3	100%	3	100%
490	12			143	97%	38	97%	15	100%	8	100%	5	100%	6	100%	3	100%	3	100%
	13			5	3%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				148	100%	39	100%	15	100%	8	100%	5	100%	6	100%	3	100%	3	100%
534	13			3	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14			30	20%	6	15%	3	20%	2	25%	1	20%	1	17%	0	0%	1	33%
	15			82	55%	21	54%	7	47%	2	25%	3	60%	4	67%	2	67%	2	67%
	16			26	18%	11	28%	4	27%	2	25%	1	20%	1	17%	1	33%	0	0%
	17			5	3%	0	0%	1	7%	1	13%	0	0%	0	0%	0	0%	0	0%
	18			2	1%	1	3%	0	0%	1	13%	0	0%	0	0%	0	0%	0	0%
				148	100%	39	100%	15	100%	8	100%	5	100%	6	100%	3	100%	3	100%
450	7			1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	1	33%	0	0%
	8			147	99%	39	100%	15	100%	8	100%	5	100%	6	100%	2	67%	3	100%
				148	100%	39	100%	15	100%	8	100%	5	100%	6	100%	3	100%	3	100%
444	11			14	9%	3	8%	2	13%	4	50%	0	0%	0	0%	1	33%	1	33%
	12			117	79%	31	79%	11	73%	4	50%	4	80%	5	83%	2	67%	1	33%
	13			16	11%	5	13%	1	7%	0	0%	1	20%	1	17%	0	0%	1	33%
	14			1	1%	0	0%	1	7%	0	0%	0	0%	0	0%	0	0%	0	0%
				148	100%	39	100%	15	100%	8	100%	5	100%	6	100%	3	100%	3	100%
481	20			3	2%	0	0%	0	0%	1	13%	1	20%	0	0%	0	0%	0	0%
	21			11	7%	5	13%	0	0%	2	25%	0	0%	0	0%	0	0%	0	0%

R-U106x Allele Frequencies (L1-,U198-,L48-)

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
	22			99	67%	25	64%	14	93%	4	50%	4	80%	5	83%	3	100%	1	33%
	23			32	22%	7	18%	1	7%	1	13%	0	0%	1	17%	0	0%	2	67%
	24			3	2%	2	5%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				148	100%	39	100%	15	100%	8	100%	5	100%	6	100%	3	100%	3	100%
520	19			4	3%	3	8%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	20			122	82%	28	72%	13	87%	8	100%	4	80%	4	67%	3	100%	3	100%
	21			22	15%	8	21%	2	13%	0	0%	1	20%	2	33%	0	0%	0	0%
				148	100%	39	100%	15	100%	8	100%	5	100%	6	100%	3	100%	3	100%
446	11			2	1%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	12			13	9%	2	5%	1	7%	2	25%	1	20%	0	0%	1	33%	0	0%
	13			111	75%	26	67%	13	87%	6	75%	3	60%	4	67%	2	67%	2	67%
	14			21	14%	10	26%	1	7%	0	0%	1	20%	2	33%	0	0%	1	33%
				148	100%	39	100%	15	100%	8	100%	5	100%	6	100%	3	100%	3	100%
617	11			2	1%	1	3%	0	0%	0	0%	0	0%	1	17%	0	0%	0	0%
	12			139	94%	37	95%	15	100%	6	75%	5	100%	5	83%	3	100%	3	100%
	13			7	5%	1	3%	0	0%	2	25%	0	0%	0	0%	0	0%	0	0%
				148	100%	39	100%	15	100%	8	100%	5	100%	6	100%	3	100%	3	100%
568	10			7	5%	0	0%	3	20%	1	13%	0	0%	1	17%	1	33%	0	0%
	11			137	93%	39	100%	12	80%	5	63%	5	100%	5	83%	1	33%	3	100%
	12			4	3%	0	0%	0	0%	2	25%	0	0%	0	0%	1	33%	0	0%
				148	100%	39	100%	15	100%	8	100%	5	100%	6	100%	3	100%	3	100%
487	12			7	5%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	13			132	89%	37	95%	11	73%	8	100%	5	100%	5	83%	2	67%	3	100%
	14			5	3%	0	0%	2	13%	0	0%	0	0%	1	17%	0	0%	0	0%
	15			4	3%	1	3%	2	13%	0	0%	0	0%	0	0%	1	33%	0	0%
				148	100%	39	100%	15	100%	8	100%	5	100%	6	100%	3	100%	3	100%
572	10			9	6%	2	5%	1	7%	0	0%	1	20%	0	0%	0	0%	0	0%
	11			133	90%	36	92%	14	93%	8	100%	3	60%	5	83%	3	100%	3	100%
	12			6	4%	1	3%	0	0%	0	0%	1	20%	1	17%	0	0%	0	0%
				148	100%	39	100%	15	100%	8	100%	5	100%	6	100%	3	100%	3	100%
640	11			143	97%	38	97%	14	93%	7	88%	5	100%	6	100%	3	100%	3	100%
	12			5	3%	1	3%	1	7%	1	13%	0	0%	0	0%	0	0%	0	0%
				148	100%	38	100%	14	100%	7	100%	5	100%	6	100%	3	100%	3	100%
492	12			4	3%	3	8%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	13			142	96%	36	92%	13	87%	8	100%	5	100%	6	100%	3	100%	3	100%
	14			2	1%	0	0%	2	13%	0	0%	0	0%	0	0%	0	0%	0	0%
				148	100%	39	100%	15	100%	8	100%	5	100%	6	100%	3	100%	3	100%
565	11			10	7%	3	8%	1	7%	1	13%	1	20%	1	17%	1	33%	0	0%
	12			135	91%	35	90%	14	93%	7	88%	4	80%	5	83%	2	67%	3	100%
	13			3	2%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				148	100%	39	100%	15	100%	8	100%	5	100%	6	100%	3	100%	3	100%