

R-L47 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
393	12			1	4%	1	10%	0	0%	0		0		0	0%	0		0	
	13			24	96%	9	90%	2	100%	0		0		1	100%	0		0	
				25	100%	10	100%	2	100%	0		0		1	100%	0		0	
390	22			2	8%	1	10%	0	0%	0		0		0	0%	0		0	
	23			22	88%	9	90%	2	100%	0		0		1	100%	0		0	
	24			1	4%	0	0%	0	0%	0		0		0	0%	0		0	
				25	100%	10	100%	2	100%	0		0		1	100%	0		0	
19	14			22	88%	9	90%	2	100%	0		0		1	100%	0		0	
	15			3	12%	1	10%	0	0%	0		0		0	0%	0		0	
				25	100%	10	100%	2	100%	0		0		1	100%	0		0	
391	10			10	40%	5	50%	0	0%	0		0		0	0%	0		0	
	11			14	56%	5	50%	2	100%	0		0		1	100%	0		0	
	12			1	4%	0	0%	0	0%	0		0		0	0%	0		0	
				25	100%	10	100%	2	100%	0		0		1	100%	0		0	
385	11	12		1	4%	1	10%	0	0%	0		0		0	0%	0		0	
	11	13		1	4%	1	10%	0	0%	0		0		0	0%	0		0	
	11	14		18	72%	7	70%	1	50%	0		0		1	100%	0		0	
	11	15		2	8%	0	0%	1	50%	0		0		0	0%	0		0	
	11	16		1	4%	0	0%	0	0%	0		0		0	0%	0		0	
	12	14		2	8%	1	10%	0	0%	0		0		0	0%	0		0	
				25	100%	10	100%	2	100%	0		0		1	100%	0		0	
426	11			1	4%	0	0%	0	0%	0		0		0	0%	0		0	
	12			24	96%	10	100%	2	100%	0		0		1	100%	0		0	
				25	4%	10	100%	2	100%	0		0		1	100%	0		0	
388	12			24	96%	9	90%	2	100%	0		0		1	100%	0		0	
	14			1	4%	1	10%	0	0%	0		0		0	0%	0		0	
				25	100%	10	100%	2	100%	0		0		1	100%	0		0	
439	11			15	60%	5	50%	2	100%	0		0		0	0%	0		0	
	12			8	32%	4	40%	0	0%	0		0		1	100%	0		0	
	13			2	8%	1	10%	0	0%	0		0		0	0%	0		0	
				25	100%	10	100%	2	100%	0		0		1	100%	0		0	
389	13	28		13	52%	4	40%	2	100%	0		0		1	100%	0		0	
	13	29		10	40%	5	50%	0	0%	0		0		0	0%	0		0	
	13	30		1	4%	0	0%	0	0%	0		0		0	0%	0		0	
	14	30		1	4%	1	10%	0	0%	0		0		0	0%	0		0	
				25	100%	10	100%	2	100%	0		0		1	100%	0		0	
392	13			25	100%	10	100%	2	100%	0		0		1	100%	0		0	
					25	100%	10	100%	2	100%	0		0		1	100%	0		0
458	15			1	4%	0	0%	0	0%	0		0		0	0%	0		0	
	16			7	28%	5	50%	1	50%	0		0		0	0%	0		0	
	17			9	36%	2	20%	1	50%	0		0		1	100%	0		0	
	18			7	28%	2	20%	0	0%	0		0		0	0%	0		0	
	19			1	4%	1	10%	0	0%	0		0		0	0%	0		0	
				25	100%	10	100%	2	100%	0		0		1	100%	0		0	
459	8	10		1	4%	0	0%	1	50%	0		0		0	0%	0		0	
	9	10		24	96%	10	100%	1	50%	0		0		1	100%	0		0	
				25	100%	10	100%	2	100%	0		0		1	100%	0		0	
455	11			25	100%	10	100%	2	100%	0		0		1	100%	0		0	
				25	100%	10	100%	2	100%	0		0		1	100%	0		0	
454	11			25	100%	10	100%	2	100%	0		0		1	100%	0		0	
				25	100%	10	100%	2	100%	0		0		1	100%	0		0	
447	24			1	4%	0	0%	0	0%	0		0		0	0%	0		0	
	25			21	84%	9	90%	2	100%	0		0		0	0%	0		0	

R-L47 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
	26				3	12%	1	10%	0	0%	0		0		1	100%	0		0	
					25	100%	10	100%	2	100%	0		0		1	100%	0		0	
437	15				24	100%	10	100%	1	100%	0		0		1	100%	0		0	
					24	100%	10	100%	1	100%	0		0		1	100%	0		0	
448	0				0	0%	0	0%	0	0%	0		0		0	0%	0		0	
	18				1	4%	1	10%	0	0%	0		0		0	0%	0		0	
	19				23	96%	9	90%	2	100%	0		0		1	100%	0		0	
					24	100%	10	100%	2	100%	0		0		1	100%	0		0	
449	28				1	4%	0	0%	0	0%	0		0		0	0%	0		0	
	29				7	28%	1	10%	2	100%	0		0		0	0%	0		0	
	30				13	52%	7	70%	0	0%	0		0		1	100%	0		0	
	31				4	16%	2	20%	0	0%	0		0		0	0%	0		0	
					25	100%	10	100%	2	100%	0		0		1	100%	0		0	
464	12	15	15	17	1	4%	0	0%	0	0%	0		0		0	0%	0		0	
	14	15	17	17	1	4%	1	10%	0	0%	0		0		0	0%	0		0	
	14	15	17	18	3	12%	0	0%	0	0%	0		0		0	0%	0		0	
	15	15	15	15	1	4%	0	0%	0	0%	0		0		0	0%	0		0	
	15	15	15	17	1	4%	0	0%	0	0%	0		0		0	0%	0		0	
	15	15	16	17	4	16%	3	30%	0	0%	0		0		0	0%	0		0	
	15	15	16	18	3	12%	0	0%	1	50%	0		0		1	100%	0		0	
	15	15	17	17	6	24%	4	40%	1	50%	0		0		0	0%	0		0	
	15	15	17	18	3	12%	2	20%	0	0%	0		0		0	0%	0		0	
	15	16	17	17	1	4%	0	0%	0	0%	0		0		0	0%	0		0	
	16	16	17	17	1	4%	0	0%	0	0%	0		0		0	0%	0		0	
					25	100%	10	100%	2	100%	0		0		1	100%	0		0	
460	10				3	12%	2	20%	0	0%	0		0		0	0%	0		0	
	11				22	88%	8	80%	2	100%	0		0		1	100%	0		0	
					25	100%	10	100%	2	100%	0		0		1	100%	0		0	
GATA H4	10				1	4%	1	10%	0	0%	0		0		0	0%	0		0	
	11				20	80%	7	70%	1	50%	0		0		1	100%	0		0	
	12				2	8%	0	0%	1	50%	0		0		0	0%	0		0	
	13				2	8%	2	20%	0	0%	0		0		0	0%	0		0	
					25	100%	10	100%	2	100%	0		0		1	100%	0		0	
YCA II	18	23			1	4%	0	0%	0	0%	0		0		0	0%	0		0	
	19	21			2	8%	1	10%	0	0%	0		0		0	0%	0		0	
	19	22			1	4%	0	0%	0	0%	0		0		0	0%	0		0	
	19	23			16	64%	6	60%	1	50%	0		0		1	100%	0		0	
	21	23			5	20%	3	30%	1	50%	0		0		0	0%	0		0	
					25	100%	10	100%	2	100%	0		0		1	100%	0		0	
456	15				17	68%	8	80%	2	100%	0		0		0	0%	0		0	
	16				6	24%	1	10%	0	0%	0		0		1	100%	0		0	
	17				2	8%	1	10%	0	0%	0		0		0	0%	0		0	
					25	100%	10	100%	2	100%	0		0		1	100%	0		0	
607	14				2	8%	1	10%	0	0%	0		0		0	0%	0		0	
	15				17	71%	6	60%	1	100%	0		0		1	100%	0		0	
	16				5	21%	3	30%	0	0%	0		0		0	0%	0		0	
					24	100%	10	100%	1	0%	0		0		1	100%	0		0	
576	17				12	50%	5	50%	1	100%	0		0		1	100%	0		0	
	18				9	38%	4	40%	0	0%	0		0		0	0%	0		0	
	19				2	8%	1	10%	0	0%	0		0		0	0%	0		0	
	20				1	4%	0	0%	0	0%	0		0		0	0%	0		0	
					24	100%	10	100%	1	0%	0		0		1	100%	0		0	
570	17				15	63%	8	80%	1	100%	0		0		0	0%	0		0	

R-L47 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
	18			6	25%	0	0%	0		0		0		0	0%	0		0	
	19			2	8%	1	10%	0		0		0		1	100%	0		0	
	21			1	4%	1	10%	0		0		0		0	0%	0		0	
				24	100%	10	100%	1		0		0		1	100%	0		0	
CDY	34	35		1	4%	0	0%	0		0		0		0	0%	0		0	
	35	38		1	4%	0	0%	0		0		0		0	0%	0		0	
	36	36		1	4%	0	0%	1	100%	0		0		0	0%	0		0	
	36	37		3	13%	2	20%	0		0		0		0	0%	0		0	
	36	38		2	8%	2	20%	0		0		0		0	0%	0		0	
	36	39		1	4%	0	0%	0		0		0		0	0%	0		0	
	37	37		3	13%	0	0%	0		0		0		1	100%	0		0	
	37	38		3	13%	1	10%	0		0		0		0	0%	0		0	
	37	39		2	8%	1	10%	0		0		0		0	0%	0		0	
	37	40		1	4%	1	10%	0		0		0		0	0%	0		0	
	38	38		4	17%	1	10%	0		0		0		0	0%	0		0	
	38	39		2	8%	2	20%	0		0		0		0	0%	0		0	
				24	100%	10	100%	1		0		0		1	100%	0		0	
442	11			2	8%	0	0%	0		0		0		0	0%	0		0	
	12			18	75%	7	70%	1	100%	0		0		1	100%	0		0	
	13			4	17%	3	30%	0		0		0		0	0%	0		0	
				24	100%	10	100%	1		0		0		1	100%	0		0	
438	11			2	8%	0	0%	0		0		0		1	100%	0		0	
	12			22	92%	10	100%	1	100%	0		0		0	0%	0		0	
				24	100%	10	100%	1		0		0		1	100%	0		0	
531	11			22	92%	8	80%	1	100%	0		0		1	100%	0		0	
	12			2	8%	2	20%	0		0		0		0	0%	0		0	
				24	100%	10	100%	1		0		0		1	100%	0		0	
578	9			24	100%	10	100%	1	100%	0		0		1	100%	0		0	
				24	100%	10	100%	1		0		0		1	100%	0		0	
395S1	15	16		21	88%	8	80%	1	100%	0		0		1	100%	0		0	
	16	16		1	4%	1	10%	0		0		0		0	0%	0		0	
	16	17		2	8%	1	10%	0		0		0		0	0%	0		0	
				24	100%	10	100%	1		0		0		1	100%	0		0	
590	8			24	100%	10	100%	1	100%	0		0		1	100%	0		0	
				24	100%	10	100%	1		0		0		1	100%	0		0	
537	10			22	92%	9	90%	1	100%	0		0		1	100%	0		0	
	11			2	8%	1	10%	0		0		0		0	0%	0		0	
				24	100%	10	100%	1		0		0		1	100%	0		0	
641	10			24	100%	10	100%	1	100%	0		0		1	100%	0		0	
				24	100%	10	100%	1		0		0		1	100%	0		0	
472	8			24	100%	10	100%	1	100%	0		0		1	100%	0		0	
				24	100%	10	100%	1		0		0		1	100%	0		0	
406S1	9			2	8%	1	10%	0		0		0		1	100%	0		0	
	10			22	92%	9	90%	1	100%	0		0		0	0%	0		0	
				24	100%	10	100%	1		0		0		1	100%	0		0	
511	10			23	96%	10	100%	1	100%	0		0		1	100%	0		0	
	11			1	4%	0	0%	0		0		0		0	0%	0		0	
				24	100%	10	100%	1		0		0		1	100%	0		0	
425	12			23	96%	9	90%	1	100%	0		0		1	100%	0		0	
	13			1	4%	1	10%	0		0		0		0	0%	0		0	
				24	100%	10	100%	1		0		0		1	100%	0		0	
413	21	23		4	17%	3	30%	0		0		0		0	0%	0		0	
	22	23		1	4%	0	0%	0		0		0		0	0%	0		0	

R-L47 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
	23	23		17	71%	7	70%	0		0		0		0	0%	0		0	
	23	24		1	4%	0	0%	1	100%	0		0		0	0%	0		0	
	23	25		1	4%	0	0%	0		0		0		1	100%	0		0	
				24	100%	10	100%	1		0		0		1	100%	0		0	
557	14			1	4%	0	0%	0		0		0		0	0%	0		0	
	15			1	4%	1	10%	0		0		0		0	0%	0		0	
	16			21	88%	9	90%	1	100%	0		0		1	100%	0		0	
	17			1	4%	0	0%	0		0		0		0	0%	0		0	
				24	100%	10	100%	1		0		0		1	100%	0		0	
594	10			23	96%	10	100%	1	100%	0		0		1	100%	0		0	
	11			1	4%	0	0%	0		0		0		0	0%	0		0	
				24	96%	10	100%	1		0		0		1	100%	0		0	
436	12			23	96%	10	100%	1	100%	0		0		1	100%	0		0	
	13			1	0%	0	0%	0		0		0		0	0%	0		0	
				24	96%	10	100%	1		0		0		1	100%	0		0	
490	12			24	100%	10	100%	1	100%	0		0		1	100%	0		0	
				24	100%	10	100%	1		0		0		1	100%	0		0	
534	14			1	4%	0	0%	0		0		0		0	0%	0		0	
	15			16	67%	6	60%	0		0		0		1	100%	0		0	
	16			7	29%	4	40%	1	100%	0		0		0	0%	0		0	
				24	100%	10	100%	1		0		0		1	100%	0		0	
450	8			24	100%	10	100%	1	100%	0		0		1	100%	0		0	
				24	100%	10	100%	1		0		0		1	100%	0		0	
444	11			2	8%	1	10%	0		0		0		0	0%	0		0	
	12			17	71%	7	70%	1	100%	0		0		1	100%	0		0	
	13			5	21%	2	20%	0		0		0		0	0%	0		0	
				24	100%	10	100%	1		0		0		1	100%	0		0	
481	21			1	4%	1	10%	0		0		0		0	0%	0		0	
	22			9	38%	6	60%	0		0		0		0	0%	0		0	
	23			11	46%	2	20%	1	100%	0		0		1	100%	0		0	
	24			2	8%	0	0%	0		0		0		0	0%	0		0	
	25			1	4%	1	10%	0		0		0		0	0%	0		0	
				24	100%	10	100%	1		0		0		1	100%	0		0	
520	20			19	79%	9	90%	0		0		0		1	100%	0		0	
	21			5	21%	1	10%	1	100%	0		0		0	0%	0		0	
				24	100%	10	100%	1		0		0		1	100%	0		0	
446	12			1	4%	1	10%	0		0		0		0	0%	0		0	
	13			19	79%	8	80%	0		0		0		1	100%	0		0	
	14			3	13%	0	0%	1	100%	0		0		0	0%	0		0	
	15			1	4%	1	10%	0		0		0		0	0%	0		0	
				24	100%	10	100%	1		0		0		1	100%	0		0	
617	12			24	100%	10	100%	1	100%	0		0		1	100%	0		0	
				24	100%	10	100%	1		0		0		1	100%	0		0	
568	11			24	100%	10	100%	1	100%	0		0		1	100%	0		0	
				24	100%	10	100%	1		0		0		1	100%	0		0	
487	13			24	100%	10	100%	1	100%	0		0		1	100%	0		0	
				24	100%	10	100%	1		0		0		1	100%	0		0	
572	10			3	13%	2	20%	0		0		0		0	0%	0		0	
	11			20	83%	8	80%	1	100%	0		0		1	100%	0		0	
	12			1	4%	0	0%	0		0		0		0	0%	0		0	
				24	100%	10	100%	1		0		0		1	100%	0		0	
640	11			24	100%	10	100%	1	100%	0		0		1	100%	0		0	
				24	100%	10	100%	1		0		0		1	100%	0		0	

R-L47 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	13				24	100%	10	100%	1	100%	0		0		1	100%	0		0	
					24	100%	10	100%	1		0		0		1	100%	0		0	
565	11				2	8%	1	10%	0		0		0	0%	0		0		0	
					22	92%	9	90%	1	100%	0		0		1	100%	0		0	
	12				24	100%	10	100%	1		0		0		1	100%	0		0	