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	**13**	**15**	**100%**	**8**	**100%**	**1**	**100%**					**2**	**100%**				
		15	100%	8	100%	1	100%					2	100%				
390	23	2	13%	1	13%	0	0%					**1**	**50%**				
	24	**11**	**73%**	**7**	**88%**	**1**	**100%**					0	0%				
	25	2	13%	0	0%	0	0%					1	50%				
		15	100%	8	100%	1	100%					2	100%				
19	**14**	**15**	**100%**	**8**	**100%**	**1**	**100%**					**2**	**100%**				
		15	100%	8	100%	1	100%					2	100%				
391	10	5	33%	1	13%	0	0%					**1**	**50%**				
	11	**10**	**67%**	**7**	**88%**	**1**	**100%**					1	50%				
		15	100%	8	100%	1	100%					2	100%				
385	10 15	1	7%	0	0%	**1**	**100%**					0	0%				
	11 14	3	20%	1	13%	0	0%					**1**	**50%**				
	11 15	**10**	**67%**	**6**	**75%**	0	0%					1	50%				
	11 16	1	7%	1	13%	0	0%					0	0%				
		15	100%	8	100%	1	100%					2	100%				
426	**12**	**14**	**93%**	**8**	**100%**	**1**	**100%**					**2**	**100%**				
	13	1	7%	0	0%	0	0%					0	0%				
		15	100%	8	100%	1	100%					2	100%				
388	**12**	**15**	**100%**	**8**	**100%**	**1**	**100%**					**2**	**100%**				
		15	100%	8	100%	1	100%					2	100%				
439	11	2	13%	1	13%	0	0%					**1**	**50%**				
	12	**13**	**87%**	**7**	**88%**	**1**	**100%**					1	50%				
		15	100%	8	100%	1	100%					2	100%				
389	13 28	1	7%	0	0%	0	0%					**1**	**50%**				
	13 29	**10**	**67%**	**6**	**75%**	**1**	**100%**					1	50%				
	13 31	1	7%	1	13%	0	0%					0	0%				
	14 30	2	13%	1	13%	0	0%					0	0%				
	14 31	1	7%	0	0%	0	0%					0	0%				
		15	100%	8	100%	1	100%					2	100%				
392	**13**	**15**	**100%**	**8**	**100%**	**1**	**100%**					**2**	**100%**				
		15	100%	8	100%	1	100%					2	100%				
458	16	2	13%	2	25%	0	0%					0	0%				
	17	**9**	**60%**	**5**	**63%**	**1**	**100%**					**1**	**50%**				
	18	4	27%	1	13%	0	0%					1	50%				
		15	100%	8	100%	1	100%					2	100%				
459	9 9	3	20%	3	38%	0	0%					0	0%				
	9 10	**11**	**73%**	**4**	**50%**	**1**	**100%**					**2**	**100%**				
	9 11	1	7%	1	13%	0	0%					0	0%				
		15	100%	8	100%	1	100%					2	100%				
455	**11**	**15**	**100%**	**8**	**100%**	**1**	**100%**					**2**	**100%**				
		15	100%	8	100%	1	100%					2	100%				
454	**11**	**15**	**100%**	**8**	**100%**	**1**	**100%**					**2**	**100%**				
		15	100%	8	100%	1	100%					2	100%				
447	24	6	40%	**5**	**63%**	0	0%					0	0%				
	25	**8**	**53%**	**3**	**38%**	0	0%					**2**	**100%**				
	26	1	7%	0	0%	**1**	**100%**					0	0%				
		15	100%	8	100%	1	100%					2	100%				
437	**15**	**15**	**100%**	**8**	**100%**	**1**	**100%**					**2**	**100%**				
		15	100%	8	100%	1	100%					2	100%				
448	**19**	**15**	**100%**	**8**	**100%**	**1**	**100%**					**2**	**100%**				
		15	100%	8	100%	1	100%					2	100%				
449	29	2	13%	1	13%	0	0%					**1**	**50%**				
	30	3	20%	1	13%	0	0%					0	0%				
	31	**9**	**60%**	**6**	**75%**	**1**	**100%**					1	50%				
	32	1	7%	0	0%	0	0%					0	0%				
		15	100%	8	100%	1	100%					2	100%				
464	15 15 16 17	2	13%	1	13%	0	0%					**1**	**50%**				
	15 15 16 16	1	7%	0	0%	**1**	**100%**					0	0%				
	15 15 17 18	2	13%	0	0%	0	0%					1	50%				
	15 15 17 17	**8**	**53%**	**6**	**75%**	0	0%					0	0%				
	15 16 16 17	1	7%	0	0%	0	0%					0	0%				

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
	15 16 17 17	1	7%	1	13%	0	0%					0	0%				
		15	100%	8	100%	1	100%					2	100%				
460	10	1	7%	0	0%	0	0%					**1**	**50%**				
	11	**13**	**87%**	**7**	**88%**	**1**	**100%**					1	50%				
	12	1	7%	1	13%	0	0%					0	0%				
		15	100%	8	100%	1	100%					2	100%				
GATA H4	10	4	27%	**4**	**50%**	0	0%					0	0%				
	11	**11**	**73%**	**4**	**50%**	**1**	**100%**					**2**	**100%**				
		15	100%	8	100%	1	100%					2	100%				
YCA II	**19 23**	**15**	**100%**	**8**	**100%**	**1**	**100%**					**2**	**100%**				
		15	100%	8	100%	1	100%					2	100%				
456	**15**	**12**	**80%**	**8**	**100%**	0	0%					**1**	**50%**				
	16	3	20%	0	0%	**1**	**100%**					1	50%				
		15	100%	8	100%	1	100%					2	100%				
607	**15**	**15**	**100%**	**8**	**100%**	**1**	**100%**					**2**	**100%**				
		15	100%	8	100%	1	100%					2	100%				
576	16	3	20%	0	0%	**1**	**100%**					0	0%				
	17	2	13%	1	13%	0	0%					**1**	**50%**				
	18	**5**	**33%**	**4**	**50%**	0	0%					0	0%				
	19	3	20%	2	25%	0	0%					0	0%				
	20	2	13%	1	13%	0	0%					1	50%				
		15	100%	8	100%	1	100%					2	100%				
570	**16**	**10**	**67%**	**6**	**75%**	0	0%					**1**	**50%**				
	17	3	20%	2	25%	0	0%					0	0%				
	18	1	7%	0	0%	0	0%					1	50%				
	19	1	7%	0	0%	**1**	**100%**					0	0%				
		15	100%	8	100%	1	100%					2	100%				
CDY	34 37	1	7%	0	0%	0	0%					0	0%				
	35 36	2	13%	0	0%	**1**	**100%**					0	0%				
	35 37	1	7%	1	13%	0	0%					0	0%				
	35 38	**4**	**27%**	**4**	**50%**	0	0%					0	0%				
	36 37	2	13%	1	13%	0	0%					**1**	**50%**				
	36 38	1	7%	1	13%	0	0%					0	0%				
	37 37	1	7%	0	0%	0	0%					0	0%				
	37 38	2	13%	1	13%	0	0%					0	0%				
	38 38	1	7%	0	0%	0	0%					1	50%				
		15	100%	8	100%	1	100%					2	100%				
442	**12**	**13**	**87%**	**6**	**75%**	**1**	**100%**					**2**	**100%**				
	13	2	13%	2	25%	0	0%					0	0%				
		15	100%	8	100%	1	100%					2	100%				
438	**12**	**15**	**100%**	**8**	**100%**	**1**	**100%**					**2**	**100%**				
		15	100%	8	100%	1	100%					2	100%				
531	**11**	**11**	**92%**	**7**	**100%**	**1**	**100%**					0	0%				
	12	1	8%	0	0%	0	0%					**1**	**100%**				
		12	100%	7	100%	1	100%					1	100%				
578	**9**	**12**	**100%**	**7**	**100%**	**1**	**100%**					**1**	**100%**				
		12	100%	7	100%	1	100%					1	100%				
395S1	**15 16**	**12**	**100%**	**7**	**100%**	**1**	**100%**					**1**	**100%**				
		12	100%	7	100%	1	100%					1	100%				
590	**8**	**12**	**100%**	**7**	**100%**	**1**	**100%**					**1**	**100%**				
		12	100%	7	100%	1	100%					1	100%				
537	**10**	**12**	**100%**	**7**	**100%**	**1**	**100%**					**1**	**100%**				
		12	100%	7	100%	1	100%					1	100%				
641	**10**	**12**	**100%**	**7**	**100%**	**1**	**100%**					**1**	**100%**				
		12	100%	7	100%	1	100%					1	100%				
472	**8**	**12**	**100%**	**7**	**100%**	**1**	**100%**					**1**	**100%**				
		12	100%	7	100%	1	100%					1	100%				
406S1	**10**	**11**	**92%**	**6**	**86%**	**1**	**100%**					**1**	**100%**				
	11	1	8%	1	14%	0	0%					0	0%				
		12	100%	7	100%	1	100%					1	100%				
511	9	1	8%	0	0%	**1**	**100%**					0	0%				
	10	**9**	**75%**	**5**	**71%**	0	0%					**1**	**100%**				

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
	11	2	17%	2	29%	0	0%					0	0%				
		12	100%	7	100%	1	100%					1	100%				
425	12	12	100%	7	100%	1	100%					1	100%				
		12	100%	7	100%	1	100%					1	100%				
413	21 23	2	17%	2	29%	0	0%					0	0%				
	22 23	3	25%	0	0%	0	0%					1	100%				
	23 23	6	50%	5	71%	1	100%					0	0%				
	23 24	1	8%	0	0%	0	0%					0	0%				
		12	100%	7	100%	1	100%					1	100%				
557	16	11	92%	6	86%	1	100%					1	100%				
	17	1	8%	1	14%	0	0%					0	0%				
		12	100%	7	100%	1	100%					1	100%				
594	10	11	92%	7	100%	1	100%					0	0%				
	11	1	8%	0	0%	0	0%					1	100%				
		12	100%	7	100%	1	100%					1	100%				
436	12	12	100%	7	100%	1	100%					1	100%				
		12	100%	7	100%	1	100%					1	100%				
490	12	12	100%	7	100%	1	100%					1	100%				
		12	100%	7	100%	1	100%					1	100%				
534	14	2	17%	1	14%	0	0%					0	0%				
	15	6	50%	5	71%	0	0%					0	0%				
	16	3	25%	1	14%	1	100%					0	0%				
	18	1	8%	0	0%	0	0%					1	100%				
		12	100%	7	100%	1	100%					1	100%				
450	8	12	100%	7	100%	1	100%					1	100%				
		12	100%	7	100%	1	100%					1	100%				
444	12	11	92%	6	86%	1	100%					1	100%				
	14	1	8%	1	14%	0	0%					0	0%				
		12	100%	7	100%	1	100%					1	100%				
481	22	4	33%	1	14%	1	100%					1	100%				
	23	8	67%	6	86%	0	0%					0	0%				
		12	100%	7	100%	1	100%					1	100%				
520	20	12	100%	7	100%	1	100%					1	100%				
		12	100%	7	100%	1	100%					1	100%				
446	13	8	67%	5	71%	1	100%					1	100%				
	14	3	25%	2	29%	0	0%					0	0%				
	15	1	8%	0	0%	0	0%					0	0%				
		12	100%	7	100%	1	100%					1	100%				
617	12	12	100%	7	100%	1	100%					1	100%				
		12	100%	7	100%	1	100%					1	100%				
568	11	11	92%	6	86%	1	100%					1	100%				
	12	1	8%	1	14%	0	0%					0	0%				
		12	100%	7	100%	1	100%					1	100%				
487	13	12	100%	7	100%	1	100%					1	100%				
		12	100%	7	100%	1	100%					1	100%				
572	11	12	100%	7	100%	1	100%					1	100%				
		12	100%	7	100%	1	100%					1	100%				
640	11	12	100%	7	100%	1	100%					1	100%				
		12	100%	7	100%	1	100%					1	100%				
492	13	12	100%	7	100%	1	100%					1	100%				
		12	100%	7	100%	1	100%					1	100%				
565	12	12	100%	7	100%	1	100%					1	100%				
		12	100%	7	100%	1	100%					1	100%				
461	12	4	100%	3	100%												
		4	100%	3	100%												
462	11	4	100%	3	100%												
		4	100%	3	100%												
A10	12	1	25%	1	33%												
	13	3	75%	2	67%												
		4	100%	3	100%												
635	23	4	100%	3	100%												

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
		4	100%	3	100%												
1B07	10	**3**	**75%**	**2**	**67%**												
	11	1	25%	1	33%												
		4	100%	3	100%												
441	12	1	25%	**1**	**33%**												
	13	**2**	**50%**	**1**	**33%**												
	14	1	25%	1	33%												
		4	100%	3	100%												
445	12	**4**	**100%**	**3**	**100%**												
		4	100%	3	100%												
452	30	**4**	**100%**	**3**	**100%**												
		4	100%	3	100%												
463	25	**4**	**100%**	**3**	**100%**												
		4	100%	3	100%												