

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			10	2%	2	2%	0	0%	0	0%	1	4%	1	4%	0	0%	0	0%
	13			391	94%	123	97%	37	97%	13	93%	19	83%	26	96%	7	100%	5	100%
	14			14	3%	2	2%	1	3%	1	7%	3	13%	0	0%	0	0%	0	0%
				415	100%	127	100%	38	100%	14	100%	23	100%	27	100%	7	100%	5	100%
390	21			1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	22			24	6%	6	5%	3	8%	0	0%	0	0%	2	7%	0	0%	0	0%
	23			343	83%	107	84%	32	84%	13	93%	20	87%	15	56%	7	100%	4	80%
	24			42	10%	12	9%	3	8%	1	7%	2	9%	10	37%	0	0%	0	0%
	25			5	1%	1	1%	0	0%	0	0%	1	4%	0	0%	0	0%	1	20%
				415	100%	127	100%	38	100%	14	100%	23	100%	27	100%	7	100%	5	100%
19	13			3	1%	0	0%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%
	14			392	94%	119	94%	37	97%	14	100%	23	100%	24	89%	7	100%	5	100%
	15			20	5%	8	6%	0	0%	0	0%	0	0%	3	11%	0	0%	0	0%
				415	100%	127	100%	38	100%	14	100%	23	100%	27	100%	7	100%	5	100%
391	9			1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	10			110	27%	38	30%	9	24%	5	36%	3	13%	7	26%	2	29%	1	20%
	11			274	66%	79	62%	28	74%	9	64%	18	78%	20	74%	5	71%	2	40%
	12			28	7%	7	6%	1	3%	0	0%	2	9%	0	0%	0	0%	2	40%
	13			2	0%	2	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				415	100%	127	100%	38	100%	14	100%	23	100%	27	100%	7	100%	5	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	1%	3	2%	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	1%	1	1%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%
	11	12		6	1%	3	2%	0	0%	0	0%	1	4%	0	0%	0	0%	0	0%
	11	13		24	6%	12	9%	3	8%	1	7%	1	4%	0	0%	0	0%	1	20%
	11	14		310	75%	88	69%	30	79%	8	57%	16	70%	26	96%	5	71%	4	80%
	11	15		33	8%	13	10%	3	8%	2	14%	4	17%	0	0%	0	0%	0	0%
	11	16		5	1%	0	0%	0	0%	0	0%	0	0%	0	0%	2	29%	0	0%
	12	13		3	1%	2	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	12	14		15	4%	3	2%	1	3%	2	14%	1	4%	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	13		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%
13	15		1	0%	0	0%	0	0%	1	7%	0	0%	0	0%	0	0%	0	0%	
14	14		1	0%	0	0%	0	0%	0	0%	0	0%	1	4%	0	0%	0	0%	
				415	100%	127	100%	38	100%	14	100%	23	100%	27	100%	7	100%	5	100%
426	10			1	0%	0	0%	0	0%	0	0%	1	4%	0	0%	0	0%	0	0%
	11			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	12			412	99%	127	100%	37	97%	14	100%	22	96%	27	100%	7	100%	5	100%
	13			1	0%	0	0%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%
				415	100%	127	100%	38	100%	14	100%	23	100%	27	100%	7	100%	5	100%
388	10			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	11			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	12			410	99%	126	99%	37	97%	14	100%	23	100%	27	100%	7	100%	5	100%
	13			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14			2	0%	1	1%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%
				415	100%	127	100%	38	100%	14	100%	23	100%	27	100%	7	100%	5	100%
439	10			3	1%	1	1%	0	0%	0	0%	0	0%	1	4%	0	0%	0	0%
	11			120	29%	40	31%	13	34%	3	21%	4	17%	14	52%	1	14%	2	40%
	12			232	56%	66	52%	21	55%	8	57%	15	65%	11	41%	6	86%	2	40%
	13			56	13%	17	13%	4	11%	3	21%	4	17%	1	4%	0	0%	1	20%
	14			4	1%	3	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				415	100%	127	100%	38	100%	14	100%	23	100%	27	100%	7	100%	5	100%
389	12	28		14	3%	6	5%	0	0%	0	0%	1	4%	0	0%	0	0%	0	0%
	12	29		2	0%	0	0%	0	0%	0	0%	1	4%	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		55	13%	21	17%	2	5%	1	7%	1	4%	10	37%	2	29%	1	20%
	13	29		255	61%	76	60%	29	76%	6	43%	16	70%	9	33%	3	43%	3	60%
	13	30		34	8%	12	9%	2	5%	3	21%	3	13%	2	7%	1	14%	0	0%
	13	31		5	1%	0	0%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%
	14	29		6	1%	2	2%	2	5%	0	0%	0	0%	1	4%	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	
	14	30		39	9%	9	7%	2	5%	2	14%	1	4%	5	19%	0	0%	1	20%	
	14	31		4	1%	0	0%	0	0%	2	14%	0	0%	0	0%	1	14%	0	0%	
				415	100%	127	100%	38	100%	14	100%	23	100%	27	100%	7	100%	5	100%	
392	12			2	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
	13			400	96%	123	97%	35	92%	13	93%	22	96%	27	100%	5	71%	5	100%	
	14			12	3%	4	3%	3	8%	1	7%	1	4%	0	0%	1	14%	0	0%	
	15			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	14%	0	0%	
				415	100%	127	100%	38	100%	14	100%	23	100%	27	100%	7	100%	5	100%	
458	15			14	3%	4	3%	0	0%	0	0%	1	4%	2	7%	0	0%	0	0%	
	16			81	20%	31	25%	10	28%	2	14%	1	4%	3	11%	1	14%	1	20%	
	17			209	51%	58	46%	19	53%	6	43%	13	57%	16	59%	5	71%	3	60%	
	18			68	17%	19	15%	7	19%	4	29%	6	26%	5	19%	1	14%	0	0%	
	19			27	7%	12	10%	0	0%	1	7%	2	9%	0	0%	0	0%	1	20%	
	20			8	2%	2	2%	0	0%	1	7%	0	0%	1	4%	0	0%	0	0%	
	21			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
				408	100%	126	100%	36	100%	14	100%	23	100%	27	100%	7	100%	5	100%	
459	8	9		1	0%	0	0%	1	3%	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		54	13%	13	10%	4	11%	3	21%	5	22%	5	19%	1	14%	0	0%	
	9	10		346	85%	111	88%	30	83%	11	79%	17	74%	22	81%	6	86%	5	100%	
	9	11		1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
10	10		5	1%	1	1%	1	3%	0	0%	1	4%	0	0%	0	0%	0	0%		
				408	100%	126	100%	36	100%	14	100%	23	100%	27	100%	7	100%	5	100%	
455	7			1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
	10			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
	11			400	98%	121	96%	36	100%	14	100%	22	96%	27	100%	7	100%	5	100%	
	12			6	1%	4	3%	0	0%	0	0%	1	4%	0	0%	0	0%	0	0%	
				408	100%	126	100%	36	100%	14	100%	23	100%	27	100%	7	100%	5	100%	
454	10			2	0%	0	0%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%	
	11			402	99%	125	99%	34	94%	14	100%	23	100%	27	100%	7	100%	5	100%	
	12			4	1%	1	1%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%	
				408	100%	126	100%	36	100%	14	100%	23	100%	27	100%	7	100%	5	100%	
447	22			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
	23			17	4%	8	6%	1	3%	1	7%	0	0%	0	0%	0	0%	0	0%	
	24			181	44%	53	42%	21	58%	7	50%	7	30%	10	37%	3	43%	1	20%	
	25			159	39%	47	37%	11	31%	5	36%	15	65%	8	30%	2	29%	3	60%	
	26			47	12%	17	13%	3	8%	1	7%	1	4%	9	33%	2	29%	1	20%	
	27			3	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
				408	100%	126	100%	36	100%	14	100%	23	100%	27	100%	7	100%	5	100%	
437	14			47	12%	17	13%	2	6%	1	7%	2	9%	4	15%	2	29%	0	0%	
	15			346	85%	102	81%	32	89%	13	93%	20	87%	23	85%	5	71%	5	100%	
	16			15	4%	7	6%	2	6%	0	0%	1	4%	0	0%	0	0%	0	0%	
				408	100%	126	100%	36	100%	14	100%	23	100%	27	100%	7	100%	5	100%	
448	0			2	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
	15			2	0%	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			13	3%	5	4%	0	0%	1	7%	0	0%	1	4%	0	0%	1	20%	
	19			383	94%	117	93%	36	100%	13	93%	23	100%	25	93%	7	100%	4	80%	
	20			7	2%	3	2%	0	0%	0	0%	0	0%	1	4%	0	0%	0	0%	
				408	100%	126	100%	36	100%	14	100%	23	100%	27	100%	7	100%	5	100%	
449	27			8	2%	4	3%	1	3%	0	0%	0	0%	0	0%	0	0%	1	20%	
	28			83	20%	22	17%	11	31%	3	21%	1	4%	7	26%	2	29%	1	20%	
	29			173	42%	51	40%	17	47%	7	50%	14	61%	8	30%	2	29%	2	40%	
	30			118	29%	37	29%	4	11%	4	29%	8	35%	12	44%	3	43%	1	20%	
	31			25	6%	11	9%	3	8%	0	0%	0	0%	0	0%	0	0%	0	0%	
	32			1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
				408	100%	126	100%	36	100%	14	100%	23	100%	27	100%	7	100%	5	100%	
464	12	15	15	17	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	13	15	15	16	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	13	15	17	17	2	0%	0	0%	1	3%	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%	1	20%
	14	14	15	17	1	0%	0	0%	0	0%	0	0%	0	0%	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
	14	14	16	18	2	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14	14	17	18	3	1%	0	0%	0	0%	0	0%	0	0%	3	11%	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	15	17	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14	15	16	17	7	2%	2	2%	1	3%	0	0%	1	4%	0	0%	0	0%	0	0%
	14	15	17	17	18	4%	5	4%	2	6%	2	14%	3	13%	1	4%	0	0%	0	0%
	14	15	17	18	11	3%	3	2%	0	0%	1	7%	0	0%	0	0%	0	0%	0	0%
	14	15	18	18	2	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14	16	16	17	1	0%	0	0%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%
	14	16	16	18	1	0%	0	0%	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	17	19	1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	15	15	15	15	6	1%	2	2%	0	0%	0	0%	1	4%	0	0%	0	0%	0	0%
	15	15	15	16	2	0%	0	0%	1	3%	1	7%	0	0%	0	0%	0	0%	0	0%
	15	15	15	17	11	3%	3	2%	0	0%	0	0%	1	4%	0	0%	0	0%	0	0%
	15	15	15	18	9	2%	2	2%	0	0%	0	0%	1	4%	5	19%	0	0%	0	0%
	15	15	16	16	11	3%	2	2%	3	8%	1	7%	0	0%	0	0%	0	0%	0	0%
	15	15	16	17	33	8%	13	10%	1	3%	0	0%	1	4%	2	7%	2	29%	0	0%
	15	15	16	18	14	3%	1	1%	1	3%	0	0%	1	4%	3	11%	0	0%	0	0%
	15	15	17	17	64	16%	16	13%	12	33%	2	14%	6	26%	1	4%	2	29%	0	0%
	15	15	17	18	56	14%	23	18%	3	8%	3	21%	4	17%	3	11%	1	14%	2	40%
	15	15	17	19	2	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	8	2%	3	2%	0	0%	1	7%	0	0%	1	4%	0	0%	0	0%
	15	16	16	16	2	0%	2	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	15	16	16	17	7	2%	1	1%	1	3%	0	0%	2	9%	1	4%	0	0%	0	0%
	15	16	16	18	13	3%	4	3%	2	6%	1	7%	0	0%	0	0%	0	0%	0	0%
	15	16	16	19	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	15	16	17	17	21	5%	7	6%	4	11%	0	0%	0	0%	1	4%	0	0%	0	0%
	15	16	17	18	57	14%	22	17%	2	6%	1	7%	1	4%	5	19%	0	0%	0	0%
	15	16	17	19	7	2%	1	1%	0	0%	0	0%	1	4%	0	0%	0	0%	0	0%
	15	16	17	20	1	0%	0	0%	0	0%	1	7%	0	0%	0	0%	0	0%	0	0%
	15	16	18	18	4	1%	2	2%	0	0%	0	0%	0	0%	0	0%	1	14%	0	0%
	15	16	18	19	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	15	17	17	17	1	0%	0	0%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%
	15	17	17	18	5	1%	3	2%	0	0%	0	0%	0	0%	0	0%	0	0%	1	20%
	16	16	17	17	2	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	16	16	17	18	6	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	1	20%
	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	17	17	1	0%	0	0%	0	0%	0	0%	0	0%	1	4%	0	0%	0	0%
	17	17	18	18	1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
					408	100%	126	100%	36	100%	14	100%	23	100%	27	100%	7	100%	5	100%
460	10				112	28%	29	23%	15	43%	4	31%	9	41%	9	33%	3	43%	1	20%
	11				278	69%	90	73%	19	54%	9	69%	11	50%	17	63%	4	57%	4	80%
	12				12	3%	4	3%	1	3%	0	0%	2	9%	1	4%	0	0%	0	0%
	13				1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
					403	100%	124	100%	35	100%	13	100%	22	100%	27	100%	7	100%	5	100%
GATA H4	9				4	1%	0	0%	0	0%	1	8%	0	0%	0	0%	0	0%	0	0%
	10				153	38%	45	36%	16	46%	7	54%	3	14%	7	26%	2	29%	2	40%
	11				227	56%	73	59%	13	37%	4	31%	18	82%	19	70%	5	71%	3	60%
	12				17	4%	5	4%	6	17%	1	8%	1	5%	1	4%	0	0%	0	0%
	13				2	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
					403	100%	124	100%	35	100%	13	100%	22	100%	27	100%	7	100%	5	100%
YCA II	17	23			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	17	24			1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	18	23			7	2%	3	2%	0	0%	0	0%	1	5%	0	0%	0	0%	0	0%
	19	19			1	0%	0	0%	0	0%	0	0%	0	0%	1	4%	0	0%	0	0%
	19	21			12	3%	3	2%	1	3%	0	0%	2	9%	2	7%	1	14%	0	0%
	19	22			19	5%	8	6%	1	3%	0	0%	2	9%	1	4%	0	0%	0	0%
	19	23			339	84%	98	79%	33	94%	13	100%	16	73%	22	81%	6	86%	5	100%
	19	24			9	2%	5	4%	0	0%	0	0%	0	0%	1	4%	0	0%	0	0%
	20	23			4	1%	1	1%	0	0%	0	0%	1	5%	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
	21	23	6	1%	3	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%
	22	22	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%
			402	100%	124	100%	35	100%	13	100%	22	100%	27	100%	7	100%	5	100%
456	13		1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14		3	1%	0	0%	0	0%	1	8%	1	5%	0	0%	0	0%	0	0%
	15		102	25%	36	29%	9	26%	2	15%	9	41%	5	19%	2	29%	0	0%
	16		143	35%	42	34%	12	34%	4	31%	7	32%	16	59%	4	57%	1	20%
	17		141	35%	45	36%	14	40%	5	38%	4	18%	5	19%	1	14%	4	80%
	18		13	3%	1	1%	0	0%	1	8%	1	5%	1	4%	0	0%	0	0%
			403	100%	124	100%	35	100%	13	100%	22	100%	27	100%	7	100%	5	100%
607	0		1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	13		1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14		44	11%	10	8%	4	11%	2	15%	3	14%	0	0%	2	29%	1	20%
	15		326	81%	100	81%	29	83%	9	69%	18	82%	25	93%	5	71%	4	80%
	16		29	7%	14	11%	2	6%	1	8%	1	5%	2	7%	0	0%	0	0%
	17		1	0%	0	0%	0	0%	1	8%	0	0%	0	0%	0	0%	0	0%
			402	100%	124	100%	35	100%	13	100%	22	100%	27	100%	7	100%	5	100%
576	15		4	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	16		30	7%	13	10%	3	9%	0	0%	0	0%	1	4%	1	14%	1	20%
	17		180	45%	60	48%	16	46%	7	54%	12	55%	7	26%	2	29%	3	60%
	18		142	35%	33	27%	9	26%	5	38%	8	36%	16	59%	2	29%	1	20%
	19		34	8%	14	11%	3	9%	1	8%	0	0%	3	11%	2	29%	0	0%
	20		12	3%	3	2%	4	11%	0	0%	2	9%	0	0%	0	0%	0	0%
			402	100%	124	100%	35	100%	13	100%	22	100%	27	100%	7	100%	5	100%
570	15		3	1%	0	0%	0	0%	0	0%	0	0%	1	4%	0	0%	0	0%
	16		37	9%	12	10%	1	3%	1	8%	4	18%	3	11%	1	14%	0	0%
	17		205	51%	70	56%	20	57%	9	69%	5	23%	6	22%	1	14%	3	60%
	18		104	26%	31	25%	8	23%	3	23%	9	41%	7	26%	4	57%	2	40%
	19		47	12%	10	8%	6	17%	0	0%	3	14%	9	33%	1	14%	0	0%
	20		5	1%	0	0%	0	0%	0	0%	1	5%	1	4%	0	0%	0	0%
	21		1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
			402	100%	124	100%	35	100%	13	100%	22	100%	27	100%	7	100%	5	100%
CDY	32	37	2	0%	2	2%	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	4	1%	3	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	34	37	5	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	34	38	4	1%	1	1%	0	0%	0	0%	0	0%	1	4%	0	0%	0	0%
	34	39	2	0%	0	0%	1	3%	0	0%	0	0%	1	4%	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	9	2%	1	1%	0	0%	0	0%	0	0%	3	11%	0	0%	1	20%
	35	37	7	2%	3	2%	0	0%	0	0%	1	5%	0	0%	0	0%	0	0%
	35	38	9	2%	2	2%	0	0%	1	8%	1	5%	2	7%	0	0%	0	0%
	35	39	3	1%	0	0%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%
	35	40	3	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	35	41	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	36	36	5	1%	0	0%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%
	36	37	41	10%	13	10%	6	17%	1	8%	3	14%	4	15%	0	0%	1	20%
	36	38	35	9%	13	10%	3	9%	2	15%	1	5%	1	4%	1	14%	1	20%
	36	39	31	8%	6	5%	2	6%	1	8%	1	5%	2	7%	2	29%	0	0%
	36	40	7	2%	2	2%	0	0%	1	8%	0	0%	0	0%	0	0%	0	0%
	36	41	3	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	32	8%	7	6%	5	14%	1	8%	1	5%	5	19%	1	14%	0	0%
	37	38	42	10%	13	10%	6	17%	0	0%	5	23%	3	11%	0	0%	0	0%
	37	39	40	10%	12	10%	1	3%	2	15%	2	9%	1	4%	0	0%	1	20%
	37	40	17	4%	5	4%	1	3%	1	8%	1	5%	1	4%	0	0%	0	0%
	37	41	3	1%	2	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	37	42	1	0%	0	0%	0	0%	1	8%	0	0%	0	0%	0	0%	0	0%
38	38	30	7%	12	10%	5	14%	1	8%	1	5%	0	0%	1	14%	0	0%	
38	39	27	7%	7	6%	2	6%	0	0%	1	5%	3	11%	0	0%	1	20%	

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
	38	40		16	4%	8	6%	0	0%	0	0%	2	9%	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		5	1%	2	2%	0	0%	0	0%	1	5%	0	0%	0	0%	0	0%
	39	40		9	2%	3	2%	0	0%	1	8%	1	5%	0	0%	1	14%	0	0%
	39	41		2	0%	1	1%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%
				402	100%	124	100%	35	100%	13	100%	22	100%	27	100%	7	100%	5	100%
442	11			41	10%	11	9%	4	11%	0	0%	3	14%	3	11%	1	14%	0	0%
	12			263	65%	75	60%	24	69%	10	77%	16	73%	20	74%	5	71%	4	80%
	13			77	19%	27	22%	6	17%	2	15%	2	9%	4	15%	0	0%	1	20%
	14			21	5%	10	8%	1	3%	1	8%	1	5%	0	0%	1	14%	0	0%
	15			1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				403	100%	124	100%	35	100%	13	100%	22	100%	27	100%	7	100%	5	100%
438	11			19	5%	5	4%	0	0%	0	0%	1	5%	9	33%	0	0%	0	0%
	12			379	94%	118	95%	35	100%	12	92%	21	95%	18	67%	7	100%	5	100%
	13			4	1%	1	1%	0	0%	1	8%	0	0%	0	0%	0	0%	0	0%
				402	100%	124	100%	35	100%	13	100%	22	100%	27	100%	7	100%	5	100%
531	0			1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	10			3	1%	2	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	11			325	96%	101	94%	28	97%	10	100%	17	100%	20	95%	4	100%	4	100%
	12			9	3%	3	3%	1	3%	0	0%	0	0%	1	5%	0	0%	0	0%
	15			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				339	100%	107	100%	29	100%	10	100%	17	100%	21	100%	4	100%	4	100%
578	6			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	9			334	99%	107	100%	27	93%	10	100%	17	100%	21	100%	4	100%	4	100%
	10			4	1%	0	0%	2	7%	0	0%	0	0%	0	0%	0	0%	0	0%
				339	100%	107	100%	29	100%	10	100%	17	100%	21	100%	4	100%	4	100%
395S1	13	16		1	0%	0	0%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%
	14	15		1	0%	0	0%	0	0%	0	0%	1	6%	0	0%	0	0%	0	0%
	14	16		1	0%	0	0%	0	0%	0	0%	1	6%	0	0%	0	0%	0	0%
	15	15		6	2%	4	4%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%
	15	16		311	92%	95	89%	27	93%	10	100%	13	76%	19	90%	4	100%	4	100%
	15	17		3	1%	2	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	16	16		13	4%	5	5%	0	0%	0	0%	2	12%	2	10%	0	0%	0	0%
16	17		2	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
				338	100%	107	100%	29	100%	10	100%	17	100%	21	100%	4	100%	4	100%
590	7			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	8			336	99%	107	100%	29	100%	10	100%	17	100%	21	100%	4	100%	4	100%
	9			2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				339	100%	107	100%	29	100%	10	100%	17	100%	21	100%	4	100%	4	100%
537	10			323	95%	103	96%	28	97%	8	80%	17	100%	20	95%	4	100%	4	100%
	11			14	4%	4	4%	1	3%	2	20%	0	0%	1	5%	0	0%	0	0%
	12			2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				339	100%	107	100%	29	100%	10	100%	17	100%	21	100%	4	100%	4	100%
641	7			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	10			335	99%	106	99%	28	97%	10	100%	16	94%	21	100%	4	100%	4	100%
	11			3	1%	1	1%	1	3%	0	0%	1	6%	0	0%	0	0%	0	0%
				339	100%	107	100%	29	100%	10	100%	17	100%	21	100%	4	100%	4	100%
472	8			339	100%	107	100%	29	100%	10	100%	17	100%	21	100%	4	100%	4	100%
				339	100%	107	100%	29	100%	10	100%	17	100%	21	100%	4	100%	4	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			12	4%	3	3%	2	7%	0	0%	0	0%	1	5%	0	0%	1	25%
	10			308	91%	97	91%	27	93%	9	90%	15	88%	19	90%	3	75%	3	75%
	11			16	5%	6	6%	0	0%	1	10%	2	12%	0	0%	1	25%	0	0%
	12			1	0%	0	0%	0	0%	0	0%	0	0%	1	5%	0	0%	0	0%
				339	100%	107	100%	29	100%	10	100%	17	100%	21	100%	4	100%	4	100%
511	9			9	3%	4	4%	1	3%	1	10%	0	0%	0	0%	1	25%	0	0%
	10			305	90%	89	83%	25	86%	8	80%	16	94%	21	100%	3	75%	4	100%
	11			25	7%	14	13%	3	10%	1	10%	1	6%	0	0%	0	0%	0	0%
				339	100%	107	100%	29	100%	10	100%	17	100%	21	100%	4	100%	4	100%
425	0			60	18%	15	14%	10	34%	1	10%	5	29%	3	14%	2	50%	0	0%
	11			1	0%	0	0%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%
	12			276	81%	91	85%	18	62%	8	80%	11	65%	18	86%	2	50%	4	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
	13			3	1%	1	1%	0	0%	1	10%	1	6%	0	0%	0	0%	0	0%
				340	100%	107	100%	29	100%	10	100%	17	100%	21	100%	4	100%	4	100%
413	18	23		1	0%	0	0%	0	0%	1	10%	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	23		20	6%	7	7%	4	14%	1	10%	0	0%	0	0%	1	25%	0	0%
	21	24		1	0%	0	0%	0	0%	1	10%	0	0%	0	0%	0	0%	0	0%
	21	25		1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	22	22		3	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	22	23		29	9%	8	7%	3	10%	1	10%	1	6%	2	10%	1	25%	0	0%
	22	25		2	1%	2	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	23	23		244	72%	78	73%	18	62%	6	60%	16	94%	9	43%	2	50%	4	100%
	23	24		24	7%	11	10%	2	7%	0	0%	0	0%	3	14%	0	0%	0	0%
23	25		11	3%	0	0%	2	7%	0	0%	0	0%	5	24%	0	0%	0	0%	
25	25		2	1%	0	0%	0	0%	0	0%	0	0%	2	10%	0	0%	0	0%	
				339	100%	107	100%	29	100%	10	100%	17	100%	21	100%	4	100%	4	100%
557	14			2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	15			32	9%	12	11%	4	14%	1	10%	1	6%	1	5%	2	50%	0	0%
	16			257	76%	78	73%	22	76%	7	70%	14	82%	17	81%	2	50%	4	100%
	17			42	12%	13	12%	3	10%	2	20%	2	12%	3	14%	0	0%	0	0%
	18			7	2%	4	4%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				340	100%	107	100%	29	100%	10	100%	17	100%	21	100%	4	100%	4	100%
594	9			1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	10			335	99%	105	98%	29	100%	10	100%	17	100%	21	100%	4	100%	4	100%
	11			4	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				340	100%	107	100%	29	100%	10	100%	17	100%	21	100%	4	100%	4	100%
436	12			338	99%	106	99%	29	100%	10	100%	17	100%	21	100%	4	100%	4	100%
	13			2	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				340	100%	107	100%	29	100%	10	100%	17	100%	21	100%	4	100%	4	100%
490	10			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	12			334	98%	105	98%	27	93%	10	100%	17	100%	21	100%	4	100%	4	100%
	13			5	1%	2	2%	2	7%	0	0%	0	0%	0	0%	0	0%	0	0%
				340	100%	107	100%	29	100%	10	100%	17	100%	21	100%	4	100%	4	100%
534	13			2	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14			13	4%	5	5%	1	3%	0	0%	1	6%	1	5%	0	0%	1	25%
	15			177	52%	49	46%	17	59%	3	30%	9	53%	9	43%	0	0%	2	50%
	16			99	29%	41	38%	8	28%	5	50%	4	24%	8	38%	3	75%	0	0%
	17			34	10%	9	8%	1	3%	2	20%	3	18%	3	14%	1	25%	1	25%
	18			11	3%	1	1%	2	7%	0	0%	0	0%	0	0%	0	0%	0	0%
19			4	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
				340	100%	107	100%	29	100%	10	100%	17	100%	21	100%	4	100%	4	100%
450	8			338	99%	106	99%	29	100%	10	100%	17	100%	20	95%	4	100%	4	100%
	9			2	1%	1	1%	0	0%	0	0%	0	0%	1	5%	0	0%	0	0%
				340	100%	107	100%	29	100%	10	100%	17	100%	21	100%	4	100%	4	100%
444	11			21	6%	6	6%	1	3%	1	10%	1	6%	5	24%	0	0%	0	0%
	12			258	76%	87	81%	20	69%	8	80%	11	65%	13	62%	1	25%	2	50%
	13			54	16%	13	12%	6	21%	1	10%	5	29%	1	5%	3	75%	2	50%
	14			6	2%	1	1%	2	7%	0	0%	0	0%	1	5%	0	0%	0	0%
	15			1	0%	0	0%	0	0%	0	0%	0	0%	1	5%	0	0%	0	0%
				340	100%	107	100%	29	100%	10	100%	17	100%	21	100%	4	100%	4	100%
481	19			3	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	20			2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	1	25%	0	0%
	21			26	8%	10	9%	5	17%	0	0%	3	18%	0	0%	0	0%	0	0%
	22			229	67%	77	72%	19	66%	9	90%	8	47%	10	48%	2	50%	2	50%
	23			58	17%	15	14%	4	14%	1	10%	2	12%	5	24%	1	25%	2	50%
	24			20	6%	3	3%	1	3%	0	0%	4	24%	6	29%	0	0%	0	0%
	25			2	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
				340	100%	107	100%	29	100%	10	100%	17	100%	21	100%	4	100%	4	100%
520	18			1	0%	0	0%	0	0%	0	0%	0	0%	1	5%	0	0%	0	0%
	19			9	3%	6	6%	0	0%	0	0%	1	6%	1	5%	0	0%	0	0%
	20			290	85%	91	85%	25	86%	10	100%	13	76%	11	52%	4	100%	4	100%
	21			40	12%	10	9%	4	14%	0	0%	3	18%	8	38%	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
		340	100%	107	100%	29	100%	10	100%	17	100%	21	100%	4	100%	4	100%
446	11	2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	12	27	8%	9	8%	4	14%	0	0%	2	12%	1	5%	1	25%	1	25%
	13	272	80%	88	82%	21	72%	10	100%	12	71%	20	95%	2	50%	3	75%
	14	36	11%	9	8%	4	14%	0	0%	3	18%	0	0%	0	0%	0	0%
	15	3	1%	1	1%	0	0%	0	0%	0	0%	0	0%	1	25%	0	0%
		340	100%	107	100%	29	100%	10	100%	17	100%	21	100%	4	100%	4	100%
617	11	2	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	12	333	98%	103	96%	29	100%	10	100%	17	100%	21	100%	4	100%	4	100%
	13	4	1%	3	3%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
		339	100%	107	100%	29	100%	10	100%	17	100%	21	100%	4	100%	4	100%
568	9	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	10	12	4%	7	7%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%
	11	323	95%	99	93%	28	97%	10	100%	17	100%	21	100%	4	100%	4	100%
	12	3	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
		339	100%	107	100%	29	100%	10	100%	17	100%	21	100%	4	100%	4	100%
487	12	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	13	317	94%	100	93%	28	97%	6	60%	15	88%	19	90%	4	100%	4	100%
	14	19	6%	6	6%	1	3%	4	40%	2	12%	2	10%	0	0%	0	0%
	15	2	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
		339	100%	107	100%	29	100%	10	100%	17	100%	21	100%	4	100%	4	100%
572	10	22	6%	7	7%	1	3%	1	10%	1	6%	2	10%	0	0%	0	0%
	11	308	91%	100	93%	25	86%	8	80%	16	94%	16	76%	4	100%	4	100%
	12	9	3%	0	0%	3	10%	1	10%	0	0%	3	14%	0	0%	0	0%
		339	100%	107	100%	29	100%	10	100%	17	100%	21	100%	4	100%	4	100%
640	9	1	0%	0	0%	0	0%	1	10%	0	0%	0	0%	0	0%	0	0%
	11	333	98%	106	99%	28	97%	9	90%	17	100%	21	100%	4	100%	4	100%
	12	5	1%	1	1%	1	3%	0	0%	0	0%	0	0%	0	0%	0	0%
		339	100%	107	100%	29	100%	10	100%	17	100%	21	100%	4	100%	4	100%
492	10	1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	13	325	96%	101	94%	29	100%	10	100%	16	94%	21	100%	4	100%	4	100%
	14	12	4%	5	5%	0	0%	0	0%	1	6%	0	0%	0	0%	0	0%
	15	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
		339	100%	107	100%	29	100%	10	100%	17	100%	21	100%	4	100%	4	100%
565	10	3	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	11	21	6%	5	5%	1	3%	1	10%	3	18%	1	5%	0	0%	0	0%
	12	308	91%	100	93%	28	97%	8	80%	13	76%	20	95%	4	100%	4	100%
	13	6	2%	1	1%	0	0%	1	10%	1	6%	0	0%	0	0%	0	0%
	14	1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
		339	100%	107	100%	29	100%	10	100%	17	100%	21	100%	4	100%	4	100%
461	11	7	10%	4	17%	0	0%	0	0%	0	0%	0	0%	0	0%		
	12	62	89%	20	83%	4	100%	2	100%	2	67%	2	100%	1	100%		
	13	1	1%	0	0%	0	0%	0	0%	1	33%	0	0%	0	0%		
		70	100%	24	100%	4	100%	2	100%	3	100%	2	100%	1	100%		
462	10	1	1%	0	0%	0	0%	0	0%	0	0%	1	50%	0	0%		
	11	66	96%	24	100%	4	100%	2	100%	3	100%	1	50%	1	100%		
	12	2	3%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%		
		69	100%	24	100%	4	100%	2	100%	3	100%	2	100%	1	100%		
A10	12	22	32%	7	29%	2	50%	0	0%	1	33%	0	0%	1	100%		
	13	37	54%	12	50%	2	50%	2	100%	2	67%	2	100%	0	0%		
	14	9	13%	4	17%	0	0%	0	0%	0	0%	0	0%	0	0%		
	15	1	1%	1	4%	0	0%	0	0%	0	0%	0	0%	0	0%		
		69	100%	24	100%	4	100%	2	100%	3	100%	2	100%	1	100%		
635	22	1	1%	1	4%	0	0%	0	0%	0	0%	0	0%	0	0%		
	23	63	91%	22	92%	4	100%	2	100%	3	100%	2	100%	1	100%		
	24	5	7%	1	4%	0	0%	0	0%	0	0%	0	0%	0	0%		
		69	100%	24	100%	4	100%	2	100%	3	100%	2	100%	1	100%		
1B07	9	1	1%	0	0%	0	0%	0	0%	1	33%	0	0%	0	0%		
	10	60	87%	23	96%	3	75%	1	50%	1	33%	1	50%	1	100%		
	11	8	12%	1	4%	1	25%	1	50%	1	33%	1	50%	0	0%		
		69	100%	24	100%	4	100%	2	100%	3	100%	2	100%	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
441	12			2	3%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%		
	13			56	81%	20	83%	3	75%	2	100%	3	100%	2	100%	0	0%		
	14			11	16%	4	17%	1	25%	0	0%	0	0%	0	0%	1	100%		
				69	100%	24	100%	4	100%	2	100%	3	100%	2	100%	1	100%		
445	11			2	3%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%		
	12			63	91%	22	92%	4	100%	2	100%	3	100%	2	100%	0	0%		
	13			4	6%	2	8%	0	0%	0	0%	0	0%	0	0%	1	100%		
				69	100%	24	100%	4	100%	2	100%	3	100%	2	100%	1	100%		
452	30			64	93%	24	100%	2	50%	2	100%	3	100%	2	100%	1	100%		
	31			5	7%	0	0%	2	50%	0	0%	0	0%	0	0%	0	0%		
					69	100%	24	100%	4	100%	2	100%	3	100%	2	100%	1	100%	
463	22			1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%		
	23			6	9%	4	17%	0	0%	1	50%	0	0%	0	0%	0	0%		
	24			57	83%	17	71%	4	100%	1	50%	3	100%	2	100%	1	100%		
	25			5	7%	3	13%	0	0%	0	0%	0	0%	0	0%	0	0%		
				69	100%	24	100%	4	100%	2	100%	3	100%	2	100%	1	100%		