

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	0%	0	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%
	12	36	3%	9	2%	4	4%	4	9%	1	2%	1	2%	0	0%	1	8%
	13	1139	92%	379	94%	88	94%	38	88%	48	92%	50	98%	21	91%	11	92%
	14	63	5%	16	4%	1	1%	1	2%	3	6%	0	0%	1	4%	0	0%
	15	2	0%	1	0%	0	0%	0	0%	0	0%	0	0%	1	4%	0	0%
		1241	100%	405	100%	94	100%	43	100%	52	100%	51	100%	23	100%	12	100%
390	21	1	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	22	36	3%	11	3%	3	3%	0	0%	0	0%	2	4%	0	0%	0	0%
	23	677	55%	225	56%	52	55%	23	53%	37	71%	18	35%	12	52%	6	50%
	24	433	35%	140	35%	32	34%	20	47%	12	23%	25	49%	11	48%	2	17%
	25	85	7%	25	6%	7	7%	0	0%	3	6%	5	10%	0	0%	4	33%
	26	9	1%	3	1%	0	0%	0	0%	0	0%	1	2%	0	0%	0	0%
		1241	100%	405	100%	94	100%	43	100%	52	100%	51	100%	23	100%	12	100%
19	12	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	13	8	1%	0	0%	1	1%	0	0%	0	0%	1	2%	0	0%	0	0%
	14	1139	92%	376	93%	86	91%	39	91%	50	96%	46	90%	20	87%	11	92%
	15	88	7%	28	7%	6	6%	3	7%	2	4%	4	8%	3	13%	1	8%
	16	5	0%	1	0%	1	1%	1	2%	0	0%	0	0%	0	0%	0	0%
		1241	100%	405	100%	94	100%	43	100%	52	100%	51	100%	23	100%	12	100%
391	0	1	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	9	2	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	10	352	28%	108	27%	26	28%	15	35%	14	27%	13	25%	8	35%	3	25%
	11	831	67%	274	68%	67	71%	28	65%	35	67%	37	73%	14	61%	6	50%
	12	53	4%	19	5%	1	1%	0	0%	3	6%	1	2%	1	4%	3	25%
	13	2	0%	2	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
		1241	100%	405	100%	94	100%	43	100%	52	100%	51	100%	23	100%	12	100%
385	9 14	2	0%	2	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	10 12	2	0%	0	0%	0	0%	0	0%	0	0%	1	2%	0	0%	0	0%
	10 13	1	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	10 14	22	2%	9	2%	2	2%	0	0%	2	4%	0	0%	0	0%	0	0%
	10 15	7	1%	5	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%
	10 16	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	4%	0	0%
	11 11	23	2%	7	2%	4	4%	0	0%	1	2%	0	0%	0	0%	0	0%
	11 12	16	1%	8	2%	0	0%	0	0%	2	4%	1	2%	0	0%	0	0%
	11 13	52	4%	20	5%	7	7%	2	5%	1	2%	0	0%	0	0%	2	17%
	11 14	812	65%	246	61%	57	61%	30	70%	35	67%	40	78%	15	65%	6	50%
	11 15	174	14%	69	17%	12	13%	7	16%	7	13%	3	6%	2	9%	3	25%
	11 16	23	2%	5	1%	1	1%	1	2%	0	0%	0	0%	3	13%	0	0%
	11 17	2	0%	2	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	12 12	3	0%	0	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%
	12 13	8	1%	4	1%	2	2%	0	0%	0	0%	0	0%	0	0%	0	0%
	12 14	75	6%	25	6%	6	6%	2	5%	4	8%	4	8%	2	9%	0	0%
	12 15	4	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	12 16	1	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	13 13	2	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	13 14	7	1%	1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%
13 15	1	0%	0	0%	0	0%	1	2%	0	0%	0	0%	0	0%	0	0%	
14 14	3	0%	0	0%	0	0%	0	0%	0	0%	2	4%	0	0%	1	8%	
		1241	100%	405	100%	94	100%	43	100%	52	100%	51	100%	23	100%	12	100%
426	10	1	0%	0	0%	0	0%	0	0%	1	2%	0	0%	0	0%	0	0%
	11	8	1%	1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%
	12	1222	98%	402	99%	90	96%	43	100%	50	96%	51	100%	23	100%	12	100%
	13	10	1%	2	0%	3	3%	0	0%	1	2%	0	0%	0	0%	0	0%
		1241	100%	405	100%	94	100%	43	100%	52	100%	51	100%	23	100%	12	100%
388	10	3	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	11	2	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	12	1221	98%	402	99%	90	96%	43	100%	51	98%	50	98%	23	100%	12	100%
	13	13	1%	2	0%	3	3%	0	0%	1	2%	1	2%	0	0%	0	0%
	14	2	0%	1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%
		1241	100%	405	100%	94	100%	43	100%	52	100%	51	100%	23	100%	12	100%
439	0	98	8%	49	12%	0	0%	1	2%	1	2%	1	2%	0	0%	0	0%
	10	6	0%	1	0%	0	0%	0	0%	0	0%	1	2%	0	0%	0	0%
	11	266	21%	78	19%	26	28%	14	33%	9	17%	22	43%	4	17%	5	42%
	12	703	57%	217	54%	55	59%	22	51%	32	62%	23	45%	17	74%	6	50%
	13	156	13%	53	13%	12	13%	6	14%	9	17%	4	8%	2	9%	1	8%
	14	11	1%	6	1%	1	1%	0	0%	1	2%	0	0%	0	0%	0	0%
15	1	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
		1241	100%	405	100%	94	100%	43	100%	52	100%	51	100%	23	100%	12	100%
389	11 26	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	11 27	5	0%	2	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	12 27	1	0%	0	0%	0	0%	0	0%	0	0%	1	2%	0	0%	0	0%
	12 28	29	2%	13	3%	0	0%	0	0%	1	2%	0	0%	0	0%	0	0%
	12 29	10	1%	0	0%	1	1%	0	0%	2	4%	0	0%	0	0%	0	0%
	12 30	1	0%	0	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%
	13 26	1	0%	1	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
	13 27	3	0%	2	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	13 28	103	8%	30	7%	6	6%	2	5%	3	6%	13	25%	2	9%	2	17%
	13 29	778	63%	261	64%	60	64%	26	60%	33	63%	19	37%	14	61%	7	58%
	13 30	131	11%	39	10%	9	10%	7	16%	7	13%	8	16%	3	13%	1	8%
	13 31	17	1%	2	0%	4	4%	0	0%	1	2%	1	2%	0	0%	0	0%
	13 32	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14 29	12	1%	5	1%	2	2%	0	0%	1	2%	1	2%	0	0%	0	0%
	14 30	120	10%	41	10%	10	11%	6	14%	3	6%	7	14%	3	13%	1	8%
	14 31	24	2%	8	2%	1	1%	2	5%	1	2%	1	2%	1	4%	1	8%
	14 32	3	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
15 32	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
		1241	100%	405	100%	94	100%	43	100%	52	100%	51	100%	23	100%	12	100%
392	8	1	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	11	3	0%	1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%
	12	15	1%	4	1%	1	1%	0	0%	1	2%	0	0%	0	0%	0	0%
	13	1166	94%	382	94%	88	94%	41	95%	49	94%	48	94%	20	87%	12	100%
	14	49	4%	16	4%	4	4%	2	5%	2	4%	2	4%	2	9%	0	0%
	15	6	0%	1	0%	0	0%	0	0%	0	0%	1	2%	1	4%	0	0%
16	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
		1241	100%	405	100%	94	100%	43	100%	52	100%	51	100%	23	100%	12	100%
458	13	2	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14	3	0%	0	0%	0	0%	0	0%	1	2%	0	0%	0	0%	0	0%
	15	23	2%	9	2%	1	1%	0	0%	2	4%	2	4%	0	0%	0	0%
	16	229	19%	92	23%	15	17%	5	13%	4	8%	6	12%	6	27%	3	25%
	17	622	52%	198	50%	45	51%	14	35%	29	59%	30	59%	11	50%	6	50%
	18	230	19%	69	18%	22	25%	12	30%	11	22%	11	22%	3	14%	2	17%
	19	62	5%	21	5%	4	5%	7	18%	2	4%	1	2%	0	0%	1	8%
	20	17	1%	4	1%	1	1%	2	5%	0	0%	1	2%	2	9%	0	0%
21	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
		1189	100%	393	100%	88	100%	40	100%	49	100%	51	100%	22	100%	12	100%
459	7 9	1	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	7 10	5	0%	1	0%	0	0%	0	0%	0	0%	0	0%	1	5%	0	0%
	8 9	7	1%	4	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%
	8 10	14	1%	5	1%	0	0%	1	3%	0	0%	1	2%	0	0%	0	0%
	9 9	220	19%	78	20%	10	11%	12	30%	8	16%	8	16%	5	23%	2	17%
	9 10	929	78%	300	76%	74	84%	27	68%	37	76%	42	82%	16	73%	10	83%
	9 11	4	0%	3	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%
10 10	9	1%	1	0%	2	2%	0	0%	4	8%	0	0%	0	0%	0	0%	
		1189	100%	393	100%	88	100%	40	100%	49	100%	51	100%	22	100%	12	100%
455	7	1	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	9	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	10	13	1%	2	1%	0	0%	0	0%	1	2%	0	0%	0	0%	1	8%
	11	1161	98%	384	98%	88	100%	39	98%	47	96%	50	98%	22	100%	11	92%
	12	13	1%	6	2%	0	0%	1	3%	1	2%	1	2%	0	0%	0	0%
		1189	100%	393	100%	88	100%	40	100%	49	100%	51	100%	22	100%	12	100%
454	10	3	0%	1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%
	11	1171	98%	387	98%	86	98%	39	98%	48	98%	50	98%	22	100%	12	100%
	12	15	1%	5	1%	1	1%	1	3%	1	2%	1	2%	0	0%	0	0%
		1189	100%	393	100%	88	100%	40	100%	49	100%	51	100%	22	100%	12	100%
447	20	2	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	22	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	23	38	3%	15	4%	3	3%	1	3%	0	0%	1	2%	1	5%	0	0%
	24	335	28%	99	25%	29	33%	16	40%	13	27%	13	25%	9	41%	2	17%
	25	674	57%	223	57%	46	52%	17	43%	35	71%	22	43%	9	41%	9	75%
	26	128	11%	52	13%	10	11%	5	13%	1	2%	14	27%	3	14%	1	8%
	27	11	1%	3	1%	0	0%	1	3%	0	0%	1	2%	0	0%	0	0%
		1189	100%	393	100%	88	100%	40	100%	49	100%	51	100%	22	100%	12	100%
437	0	2	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14	148	12%	59	15%	9	10%	2	5%	3	6%	7	14%	4	18%	0	0%
	15	1001	84%	322	82%	76	86%	34	85%	45	92%	44	86%	18	82%	12	100%
	16	37	3%	11	3%	3	3%	4	10%	1	2%	0	0%	0	0%	0	0%
	17	1	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
		1189	100%	393	100%	88	100%	40	100%	49	100%	51	100%	22	100%	12	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	2	0%	2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	18	69	6%	31	8%	1	1%	2	5%	1	2%	1	2%	2	9%	1	8%
	19	1075	90%	344	88%	86	98%	37	93%	48	98%	46	90%	20	91%	11	92%
20	39	3%	16	4%	1	1%	1	3%	0	0%	4	8%	0	0%	0	0%	
		1189	100%	393	100%	88	100%	40	100%	49	100%	51	100%	22	100%	12	100%
449	26	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	27	19	2%	7	2%	3	3%	0	0%	0	0%	1	2%	2	9%	1	8%
	28	152	13%	44	11%	18	20%	5	13%	4	8%	8	16%	5	23%	2	17%
	29	552	46%	192	49%	32	36%	18	45%	23	47%	17	33%	6	27%	6	50%
	30	321	27%	97	25%	23	26%	14	35%	17	35%	21	41%	9	41%	3	25%

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	
31				114	10%	44	11%	11	13%	2	5%	3	6%	4	8%	0	0%	0	0%	
32				27	2%	9	2%	1	1%	1	3%	2	4%	0	0%	0	0%	0	0%	
33				2	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
35				1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
				1189	100%	393	100%	88	100%	40	100%	49	100%	51	100%	22	100%	12	100%	
464	12	13	16	17	1	0%	0	0%	0	0%	0	0%	1	2%	0	0%	0	0%	0	0%
	12	14	15	15	1	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	12	15	15	17	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	12	15	17	18	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	13	15	15	16	2	0%	0	0%	0	0%	0	0%	1	2%	0	0%	0	0%	0	0%
	13	15	15	18	1	0%	0	0%	0	0%	1	3%	0	0%	0	0%	0	0%	0	0%
	13	15	17	17	3	0%	0	0%	2	2%	0	0%	0	0%	0	0%	0	0%	0	0%
	13	15	17	18	1	0%	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	2	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	8%
	14	14	15	16	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14	14	15	17	2	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14	14	16	16	2	0%	0	0%	0	0%	1	3%	0	0%	0	0%	0	0%	0	0%
	14	14	16	17	1	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14	14	16	18	2	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14	14	17	17	9	1%	0	0%	0	0%	0	0%	3	6%	0	0%	0	0%	0	0%
	14	14	17	18	10	1%	1	0%	1	1%	0	0%	0	0%	4	8%	0	0%	0	0%
	14	14	17	19	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14	15	15	15	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	5%	0	0%
	14	15	15	16	3	0%	2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14	15	15	17	8	1%	3	1%	1	1%	0	0%	0	0%	1	2%	0	0%	0	0%
	14	15	15	18	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14	15	16	16	5	0%	2	1%	0	0%	0	0%	1	2%	0	0%	0	0%	0	0%
	14	15	16	17	32	3%	12	3%	2	2%	1	3%	4	8%	0	0%	1	5%	0	0%
	14	15	16	18	11	1%	3	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14	15	17	17	32	3%	13	3%	3	3%	2	5%	3	6%	1	2%	1	5%	0	0%
	14	15	17	18	28	2%	10	3%	0	0%	1	3%	0	0%	1	2%	0	0%	0	0%
	14	15	18	18	4	0%	2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14	16	16	16	8	1%	7	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14	16	16	17	5	0%	3	1%	2	2%	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	7	1%	3	1%	0	0%	0	0%	1	2%	0	0%	0	0%	0	0%
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	14	16	17	19	1	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	15	15	15	15	12	1%	4	1%	0	0%	0	0%	1	2%	1	2%	0	0%	0	0%
	15	15	15	16	28	2%	13	3%	2	2%	1	3%	1	2%	1	2%	0	0%	0	0%
	15	15	15	17	36	3%	8	2%	3	3%	0	0%	2	4%	3	6%	0	0%	0	0%
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	15	15	16	16	55	5%	24	6%	5	6%	1	3%	1	2%	2	4%	1	5%	0	0%
	15	15	16	17	159	13%	56	14%	7	8%	4	10%	8	16%	3	6%	3	14%	2	17%
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15	15	17	17	179	15%	51	13%	25	28%	10	25%	8	16%	3	6%	5	23%	2	17%	
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15	16	16	19	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
15	16	17	17	43	4%	11	3%	5	6%	3	8%	1	2%	1	2%	2	9%	1	8%	
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15	16	17	19	20	2%	7	2%	0	0%	0	0%	1	2%	0	0%	0	0%	0	0%	
15	16	17	20	1	0%	0	0%	0	0%	1	3%	0	0%	0	0%	0	0%	0	0%	
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15	17	17	17	4	0%	0	0%	1	1%	0	0%	0	0%	0	0%	1	5%	0	0%	
15	17	17	18	7	1%	3	1%	0	0%	0	0%	0	0%	0	0%	0	0%	1	8%	
15	17	17	19	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
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16	17	17	17	2	0%	0	0%	0	0%	1	3%	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
	16	17	17	18	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	16	17	18	18	1	0%	0	0%	0	0%	0	0%	0	0%	1	2%	0	0%	0	0%
	17	17	17	17	3	0%	0	0%	0	0%	0	0%	0	0%	1	2%	0	0%	0	0%
	17	17	18	18	1	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
					1189	100%	393	100%	88	100%	40	100%	49	100%	51	100%	22	100%	12	100%
460	9				2	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	10				264	23%	78	21%	25	30%	11	30%	13	27%	13	25%	7	32%	3	25%
	11				841	73%	286	76%	56	67%	25	68%	31	65%	36	71%	15	68%	9	75%
	12				46	4%	12	3%	3	4%	1	3%	4	8%	1	2%	0	0%	0	0%
	13				3	0%	1	0%	0	0%	0	0%	0	0%	1	2%	0	0%	0	0%
					1156	100%	378	100%	84	100%	37	100%	48	100%	51	100%	22	100%	12	100%
GATA H4	9				6	1%	1	0%	1	1%	1	3%	0	0%	0	0%	0	0%	0	0%
	10				293	25%	88	23%	24	29%	12	32%	9	19%	10	20%	5	23%	3	25%
	11				797	69%	273	72%	48	57%	20	54%	37	77%	40	78%	16	73%	8	67%
	12				55	5%	14	4%	11	13%	4	11%	2	4%	1	2%	0	0%	1	8%
	13				5	0%	2	1%	0	0%	0	0%	0	0%	0	0%	1	5%	0	0%
					1156	100%	378	100%	84	100%	37	100%	48	100%	51	100%	22	100%	12	100%
YCA II	17	23			3	0%	1	0%	0	0%	0	0%	1	2%	0	0%	0	0%	0	0%
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	18	23			15	1%	5	1%	0	0%	0	0%	1	2%	0	0%	0	0%	0	0%
	19	19			10	1%	3	1%	1	1%	0	0%	0	0%	1	2%	0	0%	0	0%
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	19	21			31	3%	11	3%	1	1%	1	3%	4	8%	3	6%	2	9%	0	0%
	19	22			212	18%	96	25%	7	8%	2	5%	4	8%	2	4%	6	27%	0	0%
	19	23			818	71%	234	62%	73	87%	31	84%	33	69%	42	82%	13	59%	12	100%
	19	24			28	2%	11	3%	1	1%	1	3%	1	2%	2	4%	0	0%	0	0%
	19	25			1	0%	0	0%	0	0%	0	0%	0	0%	1	2%	0	0%	0	0%
	20	22			3	0%	2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	20	23			8	1%	3	1%	0	0%	0	0%	2	4%	0	0%	0	0%	0	0%
	21	22			4	0%	1	0%	0	0%	0	0%	0	0%	0	0%	1	5%	0	0%
	21	23			9	1%	5	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	21	24			1	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	22	22			2	0%	2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	23	23			8	1%	1	0%	1	1%	2	5%	2	4%	0	0%	0	0%	0	0%
					1155	100%	378	100%	84	100%	37	100%	48	100%	51	100%	22	100%	12	100%
456	0				1	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	13				2	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14				13	1%	5	1%	0	0%	2	5%	3	6%	0	0%	0	0%	0	0%
	15				384	33%	130	34%	33	39%	8	22%	18	38%	14	27%	5	23%	2	17%
	16				503	44%	171	45%	31	37%	19	51%	19	40%	29	57%	13	59%	5	42%
	17				227	20%	68	18%	20	24%	7	19%	7	15%	7	14%	2	9%	5	42%
	18				22	2%	2	1%	0	0%	1	3%	1	2%	1	2%	1	5%	0	0%
	19				4	0%	1	0%	0	0%	0	0%	0	0%	0	0%	1	5%	0	0%
					1156	100%	378	100%	84	100%	37	100%	48	100%	51	100%	22	100%	12	100%
607	0				1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	12				5	0%	2	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%
	13				15	1%	6	2%	1	1%	0	0%	1	2%	0	0%	0	0%	0	0%
	14				245	21%	93	25%	11	13%	8	22%	7	15%	2	4%	5	23%	2	17%
	15				761	66%	221	59%	66	79%	27	73%	39	81%	45	88%	17	77%	9	75%
	16				115	10%	54	14%	5	6%	1	3%	1	2%	4	8%	0	0%	1	8%
17				11	1%	1	0%	0	0%	1	3%	0	0%	0	0%	0	0%	0	0%	
					1153	100%	377	100%	84	100%	37	100%	48	100%	51	100%	22	100%	12	100%
576	14				2	0%	0	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%
	15				15	1%	4	1%	1	1%	0	0%	1	2%	1	2%	0	0%	0	0%
	16				175	15%	52	14%	15	18%	3	8%	6	13%	5	10%	3	14%	3	25%
	17				480	42%	169	45%	34	40%	14	38%	23	48%	14	27%	10	45%	6	50%
	18				339	29%	100	27%	18	21%	12	32%	12	25%	24	47%	6	27%	2	17%
	19				108	9%	42	11%	10	12%	4	11%	3	6%	4	8%	3	14%	1	8%
	20				31	3%	9	2%	4	5%	3	8%	3	6%	3	6%	0	0%	0	0%
21				3	0%	1	0%	1	1%	1	3%	0	0%	0	0%	0	0%	0	0%	
					1153	100%	377	100%	84	100%	37	100%	48	100%	51	100%	22	100%	12	100%
570	14				3	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	8%
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	17				647	56%	231	61%	46	55%	20	54%	18	38%	18	35%	8	36%	9	75%
	18				258	22%	72	19%	22	26%	9	24%	14	29%	10	20%	8	36%	2	17%
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	20				11	1%	2	1%	0	0%	0	0%	2	4%	1	2%	0	0%	0	0%
21				2	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
					1153	100%	377	100%	84	100%	37	100%	48	100%	51	100%	22	100%	12	100%
CDY	31	40			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	32	37			2	0%	2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	32	39			1	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	32	40			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	8%
	33	36			2	0%	0	0%	1	1%	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
33 37			2	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
33 38			2	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
34 34			3	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
34 35			4	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	8%
34 36			9	1%	4	1%	0	0%	1	3%	0	0%	0	0%	0	0%	0	0%
34 37			10	1%	0	0%	1	1%	1	3%	0	0%	0	0%	0	0%	0	0%
34 38			7	1%	2	1%	0	0%	0	0%	0	0%	1	2%	1	5%	0	0%
34 39			4	0%	1	0%	1	1%	0	0%	0	0%	1	2%	0	0%	0	0%
34 40			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
34 41			2	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
35 35			3	0%	1	0%	0	0%	0	0%	1	2%	0	0%	0	0%	0	0%
35 36			21	2%	4	1%	2	2%	0	0%	1	2%	4	8%	0	0%	1	8%
35 37			27	2%	8	2%	2	2%	0	0%	1	2%	1	2%	0	0%	0	0%
35 38			33	3%	11	3%	1	1%	2	5%	3	6%	3	6%	1	5%	0	0%
35 39			28	2%	4	1%	2	2%	1	3%	3	6%	3	6%	2	9%	0	0%
35 40			12	1%	4	1%	0	0%	1	3%	2	4%	0	0%	0	0%	0	0%
35 41			3	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
36 36			26	2%	6	2%	2	2%	1	3%	0	0%	1	2%	0	0%	1	8%
36 37			102	9%	28	7%	13	15%	3	8%	7	15%	8	16%	2	9%	1	8%
36 38			107	9%	39	10%	9	11%	5	14%	2	4%	4	8%	4	18%	1	8%
36 39			70	6%	24	6%	4	5%	2	5%	1	2%	3	6%	2	9%	0	0%
36 40			22	2%	10	3%	1	1%	1	3%	2	4%	0	0%	1	5%	0	0%
36 41			7	1%	2	1%	2	2%	0	0%	0	0%	0	0%	0	0%	0	0%
36 42			1	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
36 43			2	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
37 37			86	7%	25	7%	8	10%	5	14%	2	4%	8	16%	1	5%	0	0%
37 38			149	13%	56	15%	12	14%	3	8%	8	17%	3	6%	2	9%	0	0%
37 39			105	9%	28	7%	5	6%	5	14%	3	6%	4	8%	0	0%	1	8%
37 40			43	4%	18	5%	1	1%	1	3%	1	2%	1	2%	0	0%	1	8%
37 41			8	1%	5	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%
37 42			2	0%	1	0%	0	0%	1	3%	0	0%	0	0%	0	0%	0	0%
38 38			87	8%	35	9%	5	6%	3	8%	2	4%	2	4%	2	9%	2	17%
38 39			69	6%	22	6%	5	6%	0	0%	4	8%	4	8%	0	0%	2	17%
38 40			37	3%	16	4%	2	2%	0	0%	2	4%	0	0%	2	9%	0	0%
38 41			8	1%	2	1%	1	1%	0	0%	1	2%	0	0%	1	5%	0	0%
38 42			2	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
39 39			12	1%	3	1%	1	1%	0	0%	1	2%	0	0%	0	0%	0	0%
39 40			14	1%	5	1%	0	0%	1	3%	1	2%	0	0%	1	5%	0	0%
39 41			8	1%	4	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%
39 42			2	0%	1	0%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%
39 43			3	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
39 44			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
40 40			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
41 41			1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
			1153	100%	377	100%	84	100%	37	100%	48	100%	51	100%	22	100%	12	100%
442	10		4	0%	1	0%	1	1%	0	0%	0	0%	0	0%	1	5%	0	0%
	11		133	12%	46	12%	11	13%	2	5%	7	15%	6	12%	3	14%	0	0%
	12		832	72%	264	70%	59	70%	25	68%	33	69%	40	78%	15	68%	11	92%
	13		159	14%	54	14%	12	14%	8	22%	7	15%	5	10%	2	9%	1	8%
	14		27	2%	12	3%	1	1%	2	5%	1	2%	0	0%	1	5%	0	0%
15		1	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
			1156	100%	378	100%	84	100%	37	100%	48	100%	51	100%	22	100%	12	100%
438	10		3	0%	1	0%	0	0%	0	0%	1	2%	0	0%	0	0%	0	0%
	11		41	4%	10	3%	1	1%	0	0%	3	6%	15	29%	0	0%	1	8%
	12		1094	95%	365	97%	79	94%	35	95%	42	88%	35	69%	22	100%	11	92%
	13		15	1%	2	1%	3	4%	2	5%	2	4%	0	0%	0	0%	0	0%
14		2	0%	0	0%	1	1%	0	0%	0	0%	1	2%	0	0%	0	0%	
			1155	100%	378	100%	84	100%	37	100%	48	100%	51	100%	22	100%	12	100%
531	0		1	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	10		3	0%	2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	11		893	97%	278	96%	63	97%	30	94%	37	97%	36	95%	15	94%	11	100%
	12		23	2%	8	3%	2	3%	2	6%	1	3%	2	5%	1	6%	0	0%
15		1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
			921	100%	289	100%	65	100%	32	100%	38	100%	38	100%	16	100%	11	100%
578	6		1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	8		2	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	9		878	95%	268	93%	63	97%	32	100%	37	97%	38	100%	16	100%	11	100%
	10		40	4%	21	7%	2	3%	0	0%	1	3%	0	0%	0	0%	0	0%
			921	100%	289	100%	65	100%	32	100%	38	100%	38	100%	16	100%	11	100%
395S1	13 16		1	0%	0	0%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%
	14 15		3	0%	1	0%	0	0%	0	0%	1	3%	0	0%	0	0%	0	0%
	14 16		1	0%	0	0%	0	0%	0	0%	1	3%	0	0%	0	0%	0	0%
	15 15		17	2%	6	2%	1	2%	1	3%	2	5%	1	3%	0	0%	0	0%
	15 16		816	89%	257	89%	56	86%	30	94%	25	66%	34	89%	16	100%	9	82%
	15 17		6	1%	2	1%	0	0%	0	0%	1	3%	0	0%	0	0%	0	0%
16 16		69	8%	21	7%	7	11%	1	3%	8	21%	3	8%	0	0%	2	18%	

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	17	6	1%	2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	17	17	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
			920	100%	289	100%	65	100%	32	100%	38	100%	38	100%	16	100%	11	100%
590	7		2	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	8		913	99%	286	99%	65	100%	32	100%	37	97%	38	100%	16	100%	11	100%
	9		6	1%	2	1%	0	0%	0	0%	1	3%	0	0%	0	0%	0	0%
			921	100%	289	100%	65	100%	32	100%	38	100%	38	100%	16	100%	11	100%
537	9		2	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	10		868	94%	280	97%	61	94%	29	91%	36	95%	37	97%	16	100%	10	91%
	11		48	5%	8	3%	3	5%	3	9%	2	5%	1	3%	0	0%	1	9%
	12		3	0%	0	0%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%
			921	100%	289	100%	65	100%	32	100%	38	100%	38	100%	16	100%	11	100%
641	7		1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	9		2	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	10		904	98%	285	99%	64	98%	32	100%	36	95%	38	100%	16	100%	11	100%
	11		13	1%	3	1%	1	2%	0	0%	1	3%	0	0%	0	0%	0	0%
	12		1	0%	0	0%	0	0%	0	0%	1	3%	0	0%	0	0%	0	0%
			921	100%	289	100%	65	100%	32	100%	38	100%	38	100%	16	100%	11	100%
472	8		921	100%	289	100%	65	100%	32	100%	38	100%	38	100%	16	100%	11	100%
			921	100%	289	100%	65	100%	32	100%	38	100%	38	100%	16	100%	11	100%
406S1	0		1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	8		1	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	9		21	2%	6	2%	2	3%	1	3%	0	0%	2	5%	0	0%	1	9%
	10		835	91%	261	90%	60	92%	26	81%	34	89%	32	84%	14	88%	9	82%
	11		57	6%	21	7%	2	3%	5	16%	3	8%	2	5%	1	6%	1	9%
	12		6	1%	1	0%	1	2%	0	0%	1	3%	2	5%	0	0%	0	0%
	13		1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	6%	0	0%
			922	100%	290	100%	65	100%	32	100%	38	100%	38	100%	16	100%	11	100%
511	9		29	3%	14	5%	4	6%	1	3%	0	0%	0	0%	1	6%	0	0%
	10		811	88%	242	84%	55	85%	29	91%	36	95%	38	100%	14	88%	11	100%
	11		78	8%	32	11%	6	9%	2	6%	2	5%	0	0%	1	6%	0	0%
	12		3	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
			921	100%	289	100%	65	100%	32	100%	38	100%	38	100%	16	100%	11	100%
425	0		80	9%	22	8%	12	18%	1	3%	6	16%	3	8%	3	19%	0	0%
	8		1	0%	0	0%	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		4	0%	1	0%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%
	12		831	90%	265	91%	52	80%	30	94%	31	82%	35	92%	12	75%	11	100%
	13		6	1%	2	1%	0	0%	1	3%	1	3%	0	0%	1	6%	0	0%
				923	100%	290	100%	65	100%	32	100%	38	100%	38	100%	16	100%	11
413	18	23	1	0%	0	0%	0	0%	1	3%	0	0%	0	0%	0	0%	0	0%
	20	23	2	0%	0	0%	1	2%	0	0%	0	0%	0	0%	1	6%	0	0%
	21	21	3	0%	1	0%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%
	21	22	4	0%	1	0%	1	2%	0	0%	0	0%	0	0%	0	0%	1	9%
	21	23	45	5%	18	6%	8	12%	3	9%	0	0%	2	5%	2	13%	0	0%
	21	24	3	0%	0	0%	1	2%	1	3%	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	13	1%	3	1%	1	2%	1	3%	0	0%	1	3%	0	0%	0	0%
	22	23	121	13%	37	13%	5	8%	2	6%	6	16%	3	8%	4	25%	1	9%
	22	24	1	0%	0	0%	0	0%	0	0%	0	0%	1	3%	0	0%	0	0%
	22	25	3	0%	3	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	23	23	640	69%	203	70%	40	62%	23	72%	30	79%	17	45%	8	50%	8	73%
	23	24	51	6%	17	6%	4	6%	1	3%	1	3%	3	8%	1	6%	0	0%
	23	25	24	3%	5	2%	3	5%	0	0%	0	0%	7	18%	0	0%	0	0%
	23	26	2	0%	0	0%	0	0%	0	0%	0	0%	2	5%	0	0%	0	0%
	24	24	2	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	24	25	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	9%
	25	25	3	0%	0	0%	0	0%	0	0%	0	0%	2	5%	0	0%	0	0%
25	26	1	0%	0	0%	0	0%	0	0%	1	3%	0	0%	0	0%	0	0%	
			921	100%	289	100%	65	100%	32	100%	38	100%	38	100%	16	100%	11	100%
557	13		1	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14		10	1%	1	0%	0	0%	0	0%	1	3%	0	0%	0	0%	0	0%
	15		129	14%	51	18%	7	11%	2	6%	4	11%	6	16%	3	19%	3	27%
	16		654	71%	200	69%	48	74%	25	78%	27	71%	27	71%	9	56%	7	64%

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
	17	117	13%	31	11%	9	14%	5	16%	6	16%	5	13%	4	25%	1	9%
	18	11	1%	5	2%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%
		922	100%	289	100%	65	100%	32	100%	38	100%	38	100%	16	100%	11	100%
594	9	5	1%	1	0%	0	0%	0	0%	1	3%	0	0%	0	0%	0	0%
	10	857	93%	258	89%	63	97%	32	100%	35	92%	37	97%	16	100%	11	100%
	11	57	6%	30	10%	2	3%	0	0%	2	5%	1	3%	0	0%	0	0%
	12	3	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
		922	100%	289	100%	65	100%	32	100%	38	100%	38	100%	16	100%	11	100%
436	10	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	12	910	99%	287	99%	65	100%	31	97%	38	100%	37	97%	16	100%	11	100%
	13	11	1%	2	1%	0	0%	1	3%	0	0%	1	3%	0	0%	0	0%
		922	100%	289	100%	65	100%	32	100%	38	100%	38	100%	16	100%	11	100%
490	10	2	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	12	905	98%	285	99%	63	97%	32	100%	38	100%	38	100%	16	100%	10	91%
	13	14	2%	3	1%	2	3%	0	0%	0	0%	0	0%	0	0%	1	9%
	14	1	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
		922	100%	289	100%	65	100%	32	100%	38	100%	38	100%	16	100%	11	100%
534	12	2	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	13	7	1%	2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	14	114	12%	31	11%	6	9%	3	9%	4	11%	5	13%	2	13%	2	18%
	15	491	53%	151	52%	39	60%	13	41%	23	61%	17	45%	4	25%	7	64%
	16	226	25%	87	30%	14	22%	10	31%	7	18%	12	32%	8	50%	1	9%
	17	61	7%	14	5%	4	6%	5	16%	4	11%	3	8%	2	13%	1	9%
	18	16	2%	3	1%	2	3%	1	3%	0	0%	1	3%	0	0%	0	0%
	19	5	1%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
		922	100%	289	100%	65	100%	32	100%	38	100%	38	100%	16	100%	11	100%
450	6	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	7	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	6%	0	0%
	8	910	99%	283	98%	65	100%	32	100%	38	100%	37	97%	15	94%	11	100%
	9	10	1%	6	2%	0	0%	0	0%	0	0%	1	3%	0	0%	0	0%
		922	100%	289	100%	65	100%	32	100%	38	100%	38	100%	16	100%	11	100%
444	11	63	7%	13	4%	6	9%	9	28%	2	5%	9	24%	1	6%	1	9%
	12	729	79%	235	81%	47	72%	21	66%	26	68%	24	63%	11	69%	6	55%
	13	119	13%	39	13%	8	12%	2	6%	8	21%	3	8%	4	25%	4	36%
	14	13	1%	4	1%	4	6%	0	0%	2	5%	1	3%	0	0%	0	0%
	15	1	0%	0	0%	0	0%	0	0%	0	0%	1	3%	0	0%	0	0%
		925	100%	291	100%	65	100%	32	100%	38	100%	38	100%	16	100%	11	100%
481	17	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	19	5	1%	2	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	20	20	2%	5	2%	1	2%	1	3%	2	5%	0	0%	2	13%	0	0%
	21	52	6%	18	6%	6	9%	3	9%	3	8%	1	3%	1	6%	0	0%
	22	649	70%	215	74%	51	78%	21	66%	24	63%	21	55%	9	56%	6	55%
	23	157	17%	40	14%	6	9%	6	19%	5	13%	8	21%	4	25%	5	45%
	24	36	4%	8	3%	1	2%	1	3%	4	11%	8	21%	0	0%	0	0%
25	2	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
		922	100%	289	100%	65	100%	32	100%	38	100%	38	100%	16	100%	11	100%
520	18	1	0%	0	0%	0	0%	0	0%	0	0%	1	3%	0	0%	0	0%
	19	24	3%	12	4%	0	0%	0	0%	1	3%	1	3%	0	0%	0	0%
	20	805	87%	249	86%	56	86%	30	94%	33	87%	24	63%	15	94%	11	100%
	21	90	10%	28	10%	9	14%	2	6%	4	11%	12	32%	1	6%	0	0%
	22	2	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
		922	100%	289	100%	65	100%	32	100%	38	100%	38	100%	16	100%	11	100%
446	11	11	1%	3	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	12	66	7%	19	7%	6	9%	3	9%	5	13%	2	5%	5	31%	2	18%
	13	737	80%	235	80%	54	83%	27	84%	26	68%	33	87%	9	56%	7	64%
	14	104	11%	33	11%	5	8%	2	6%	7	18%	3	8%	1	6%	2	18%
	15	7	1%	2	1%	0	0%	0	0%	0	0%	0	0%	1	6%	0	0%
	16	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
		926	100%	292	100%	65	100%	32	100%	38	100%	38	100%	16	100%	11	100%
617	9	1	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	11	5	1%	2	1%	0	0%	0	0%	0	0%	1	3%	0	0%	0	0%
	12	896	97%	279	97%	64	98%	30	94%	38	100%	37	97%	16	100%	11	100%
	13	19	2%	7	2%	1	2%	2	6%	0	0%	0	0%	0	0%	0	0%
		921	100%	289	100%	65	100%	32	100%	38	100%	38	100%	16	100%	11	100%
568	8	1	0%	0	0%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%
	9	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	10	32	3%	9	3%	6	9%	2	6%	0	0%	2	5%	2	13%	0	0%
	11	870	94%	278	96%	56	86%	26	81%	38	100%	36	95%	13	81%	10	91%
	12	17	2%	2	1%	2	3%	4	13%	0	0%	0	0%	1	6%	1	9%
		921	100%	289	100%	65	100%	32	100%	38	100%	38	100%	16	100%	11	100%
487	12	21	2%	3	1%	1	2%	0	0%	0	0%	0	0%	0	0%	0	0%
	13	846	92%	272	94%	58	89%	26	81%	35	92%	34	89%	14	88%	11	100%
	14	45	5%	11	4%	4	6%	5	16%	3	8%	4	11%	1	6%	0	0%

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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	9	1%	3	1%	2	3%	1	3%	0	0%	0	0%	1	6%	0	0%
		921	100%	289	100%	65	100%	32	100%	38	100%	38	100%	16	100%	11	100%
572	9	2	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	10	67	7%	20	7%	4	6%	2	6%	4	11%	4	11%	1	6%	2	18%
	11	827	90%	265	92%	57	88%	28	88%	32	84%	30	79%	15	94%	9	82%
	12	25	3%	4	1%	4	6%	2	6%	2	5%	4	11%	0	0%	0	0%
		921	100%	289	100%	65	100%	32	100%	38	100%	38	100%	16	100%	11	100%
640	9	1	0%	0	0%	0	0%	1	3%	0	0%	0	0%	0	0%	0	0%
	10	2	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	11	904	98%	285	99%	63	97%	30	94%	38	100%	38	100%	16	100%	11	100%
	12	14	2%	4	1%	2	3%	1	3%	0	0%	0	0%	0	0%	0	0%
		921	100%	289	100%	65	100%	32	100%	38	100%	38	100%	16	100%	11	100%
492	10	1	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	12	10	1%	4	1%	0	0%	1	3%	0	0%	0	0%	0	0%	1	9%
	13	884	96%	271	94%	62	95%	31	97%	37	97%	38	100%	16	100%	10	91%
	14	25	3%	13	4%	3	5%	0	0%	1	3%	0	0%	0	0%	0	0%
	15	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
		921	100%	289	100%	65	100%	32	100%	38	100%	38	100%	16	100%	11	100%
565	10	3	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	11	55	6%	15	5%	6	9%	2	6%	4	11%	3	8%	1	6%	1	9%
	12	847	92%	270	93%	58	89%	29	91%	33	87%	35	92%	14	88%	10	91%
	13	15	2%	3	1%	1	2%	1	3%	1	3%	0	0%	1	6%	0	0%
	14	1	0%	1	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
		921	100%	289	100%	65	100%	32	100%	38	100%	38	100%	16	100%	11	100%
461	11	17	9%	5	7%	0	0%	1	20%	0	0%	0	0%	0	0%	0	0%
	12	151	82%	61	87%	8	100%	4	80%	5	83%	4	100%	1	100%	1	100%
	13	16	9%	4	6%	0	0%	0	0%	1	17%	0	0%	0	0%	0	0%
		184	100%	70	100%	8	100%	5	100%	6	100%	4	100%	1	100%	1	100%
462	10	1	1%	0	0%	0	0%	0	0%	0	0%	1	25%	0	0%	0	0%
	11	174	98%	69	100%	8	100%	4	100%	6	100%	3	75%	1	100%	1	100%
	12	3	2%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
		178	100%	69	100%	8	100%	4	100%	6	100%	4	100%	1	100%	1	100%
A10	11	3	2%	1	1%	0	0%	0	0%	0	0%	1	25%	0	0%	0	0%
	12	75	41%	30	43%	3	38%	3	60%	3	50%	1	25%	1	100%	1	100%
	13	90	49%	31	44%	5	63%	2	40%	3	50%	2	50%	0	0%	0	0%
	14	13	7%	7	10%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	15	2	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
		183	100%	70	100%	8	100%	5	100%	6	100%	4	100%	1	100%	1	100%
635	22	1	1%	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	23	121	68%	42	61%	8	100%	3	75%	5	83%	4	100%	1	100%	1	100%
	24	14	8%	5	7%	0	0%	1	25%	0	0%	0	0%	0	0%	0	0%
	25	30	17%	15	22%	0	0%	0	0%	1	17%	0	0%	0	0%	0	0%
	26	10	6%	6	9%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	27	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
		177	100%	69	100%	8	100%	4	100%	6	100%	4	100%	1	100%	1	100%
1B07	9	1	1%	0	0%	0	0%	0	0%	1	17%	0	0%	0	0%	0	0%
	10	164	93%	67	97%	7	88%	3	75%	3	50%	3	75%	1	100%	1	100%
	11	12	7%	2	3%	1	13%	1	25%	2	33%	1	25%	0	0%	0	0%
		177	100%	69	100%	8	100%	4	100%	6	100%	4	100%	1	100%	1	100%
441	12	11	6%	6	9%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	13	150	85%	56	81%	7	88%	4	100%	6	100%	4	100%	0	0%	1	100%
	14	16	9%	7	10%	1	13%	0	0%	0	0%	0	0%	1	100%	0	0%
		177	100%	69	100%	8	100%	4	100%	6	100%	4	100%	1	100%	1	100%
445	11	4	2%	2	3%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	12	162	92%	62	90%	7	88%	4	100%	6	100%	4	100%	0	0%	1	100%
	13	11	6%	5	7%	1	13%	0	0%	0	0%	0	0%	1	100%	0	0%
		177	100%	69	100%	8	100%	4	100%	6	100%	4	100%	1	100%	1	100%
452	28	1	1%	0	0%	0	0%	1	25%	0	0%	0	0%	0	0%	0	0%
	29	8	5%	3	4%	1	13%	0	0%	0	0%	0	0%	0	0%	0	0%
	30	150	85%	62	90%	5	63%	2	50%	5	83%	4	100%	1	100%	1	100%
	31	18	10%	4	6%	2	25%	1	25%	1	17%	0	0%	0	0%	0	0%
		177	100%	69	100%	8	100%	4	100%	6	100%	4	100%	1	100%	1	100%
463	22	1	1%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	23	11	6%	4	6%	2	25%	1	25%	0	0%	0	0%	0	0%	0	0%
	24	137	79%	53	79%	6	75%	2	50%	5	83%	4	100%	1	100%	0	0%
	25	22	13%	10	15%	0	0%	1	25%	0	0%	0	0%	0	0%	0	0%
	26	2	1%	0	0%	0	0%	0	0%	1	17%	0	0%	0	0%	1	100%
		173	100%	67	100%	8	100%	4	100%	6	100%	4	100%	1	100%	1	100%