

**TABLE S8.** DETAILS OF CORE HAPLOTYPES (~700KB, 6 SNPS) IN SOAY SHEEP SPANNING OAR3\_OAR6\_116402578 ON CHROMOSOME 6, AND THE EXTENT OF HAPLOTYPE SHARING (HS) WITH DOMESTIC SHEEP. HS distances are given in MB. SD is the standard deviation.

Haplotype	Recombination Allele	Haplotype Frequency	Distance from						# ISGC Breeds	Global HS Mean	SD	Maximum HS Breed	Maximum HS Mean
			oar3_OAR6_116402578 (Kb)										
			-	-	-	38.9	65.8	266.3					
H1	High	0.026	A	A	A	A	G	A	22	0.10	0.11	Australian Poll Merino	0.29
H2	High	0.311	A	A	A	A	G	G	67	0.04	0.07	Australian Coopworth	0.30
H3	High	0.030	A	A	A	G	A	A	23	0.14	0.10	Scottish Blackface	0.29
H4	High	0.015	A	A	A	G	G	A	20	0.04	0.06	Barbados BlackBelly	0.31
H5	High	0.355	A	A	G	G	G	A	29	0.09	0.10	Australian Poll Dorset	0.12
H6	Low	0.220	A	A	G	A	G	G	66	0.10	0.10	Australian Poll Dorset	0.34
H7	Low	0.042	G	G	G	A	G	G	46	0.14	0.15	Chinese Merino	0.38