

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Summary statistics on sequencing and mapping quality per sample

File Name: Supplementary Data 2

Description: Variants Summary statistics per phylo-geographic group and individual

File Name: Supplementary Data 3

Description: Detected Selective sweeps 20 kB in domestic sheep

File Name: Supplementary Data 4

Description: Detected Selective sweeps 20 kB in wild mouflon

File Name: Supplementary Data 5

Description: Detected Selective Sweeps in domestic sheep based on F_{st} and nucleotide diversity across wild (*Ovis orientalis*) and domestic sheep (*Ovis aries*) ($p_{adj} < 0.01$) and closest genes to regions

File Name: Supplementary Data 6

Description: Detected Selective Sweeps in mouflon based on F_{st} and nucleotide diversity across wild (*Ovis orientalis*) and domestic sheep (*Ovis aries*) ($p_{adj} < 0.01$) and closest genes to regions

File Name: Supplementary Data 7

Description: Gene Ontology enrichment analysis of Biological Process in GREAT

File Name: Supplementary Data 8

Description: Mouse Genome Informatics (MGI) Phenotype Enrichment analysis in GREAT

File Name: Supplementary Data 9

Description: Allele Frequencies for 14 million SNPs $MAF > 0.05$

File Name: Supplementary Data 10

Description: List of missense mutations with $\Delta AF > 0.8$