

Additional file 1 – Table – Summary of the number of entries in the customised species-specific SNP databases

[Data downloaded and table compiled in December 2009]

Species	Source of downloaded data							
	NCBI dbSNP		NCBI Gene	KEGG	GO	QTLdb	OMIA	Homologene
	Types of entry							
	SNPs	Functional SNPs ⁺⁺	Genes ^{^^}	Pathways	Terms	QTLs	Phenes ^{**}	Genes ^{\$\$}
<i>Homo sapiens</i>	14,708,752	143,679	40,591	14,164	123,942	--	--	19,571
<i>Gallus gallus</i>	3,293,383	16,134	19,936	6,991	45,286	1,863	179	13,803
<i>Bos taurus</i>	2,223,033	6,982	28,885	13,391	63,771	2,359	379	19,803
<i>Sus scrofa</i>	8,427	0	10,355	5,943	0	5,621	222	0
<i>Ovis aries</i>	0	0	1,190	0	0	84	188	0

++ Coding non-synonymous (nonsense, missense, frame shift)

^^ The number of genes includes confirmed genes and genes predicted by annotation processes

** A phene is information on the occurrence and inheritance of disorders and other familial traits

\$\$ The number of genes in the species genome that are placed in a homology group

-- Not applicable to *Homo sapiens*