

Supplementary Table 1. Fraction of total exome sequence reads corresponding to MHC class I and class II genes after target capture with the VCRome2.1 probe design alone

GS ID	SRA Accession	Total Raw Reads	MHC-I	DRB1/3/4/5	DQA1	DQB1	DPA1	DPB1	MHC	MHC % of total
			Reads Extracted	Reads Extracted	Reads Extracted	Reads Extracted	Reads Extracted	Reads Extracted	Reads Extracted	
cy0642	SAMN11281734	79,795,404	4,848	26,822	2,568	2,274	900	81,340	118,752	0.15
cy0643	SAMN11281735	86,265,844	4,408	26,930	2,542	2,320	936	74,370	111,506	0.13
cy0646	SAMN11281736	109,909,444	4,724	25,476	2,382	2,196	910	72,206	107,894	0.10
cy0648	SAMN11281737	106,315,304	5,558	34,442	2,966	2,714	1,092	97,254	144,026	0.14
cy0649	SAMN11281738	78,575,038	6,022	33,742	3,176	2,970	1,134	90,556	137,600	0.18
cy0651	SAMN11281739	102,890,862	6,686	33,194	3,388	3,094	1,294	94,532	142,188	0.14
cy0652	SAMN11281740	89,074,544	4,652	25,314	2,660	2,478	976	69,976	106,056	0.12
cy0654	SAMN11281741	99,169,798	5,294	30,328	2,924	2,756	1,042	79,664	122,008	0.12
Average		93,999,530	5,274	29,531	2,826	2,600	1,036	82,487	123,754	0.13