

392 **Supplemental Table 1** Differences in amino acid residues (highlighted by shading) from
 393 murine β 2M at conserved points of contact with class I heavy chain domains[†]

Residue	α 1/ α 2			α 3		
	Human	Mouse	Dog	Human	Mouse	Dog
1	I	I	V			
8				Q	Q	Q
10				Y	Y	Y
11				S	S	S
12				R	R	R
24				N	N	N
28				S	T	S
31	H	H	H			
34	D	H	E			
53*	D	D	D			
54	L	M	L			
60	W	W	W			

394
 395 [†]Conserved murine/human sites (residues 1-66) are from Trymbulak and Zeff (1997).
 396 Alignment was performed with ClustalW (<http://www.ebi.ac.uk/Tools/msa/clustalw2/>)
 397 using the following GenBank data: murine β 2M, accession no. AAH85164.1, human
 398 β 2M, accession no. AAA51811.1; canine β 2M, accession no. JQ733515.
 399 *For clarity, numbering is based on a putative gap at residue 44 in the predicted canine
 400 protein sequence.