

**Supplementary Table I. Interspecies comparison of the A<sub>2A</sub>, D<sub>2</sub> and CB<sub>1</sub> receptor epitopes**

<b>A<sub>2A</sub> receptor 5TM</b>			
<b>Species</b>	<b>Sequence</b>	<b>Residues</b>	<b>Accession #</b>
Human	LRIFLAARR	198-206	P29274
Dog	LRIFLAARR	198-206	P11617
Horse	LRIFLAARR	198-206	Q6TLI7
Bovine	LRIFLAARR	195-203	IPI00716182
Guinea pig	LRIFLAARR	195-203	P46616
Rat	LRIFLAARR	193-201	P30543
Mouse	LRIFLAARR	193-201	Q60613
<b>A<sub>2A</sub> receptor CT</b>			
<b>Species</b>	<b>Sequence</b>	<b>Residues</b>	<b>Accession #</b>
Human	SAQE <sub>p</sub> SQGNT	370-378	P29274
Dog	IAPE <sub>p</sub> SHGDM	370-378	P11617
Horse	SARE <sub>p</sub> SPGDT	370-378	Q6TLI7
Bovine	GARG <sub>p</sub> SQRDA	366-374	IPI00716182
Guinea pig	SAQR <sub>p</sub> SHGDA	367-375	P46616
Rat	SAQG <sub>p</sub> SPRDV	365-373	P30543
Mouse	STQG <sub>p</sub> SPGDV	365-373	Q60613
<b>D<sub>2</sub> receptor 5TM</b>			
<b>Species</b>	<b>Sequence</b>	<b>Residues</b>	<b>Accession #</b>
Human	VLRRRRKRVN	215-224	P14416
Monkey	VLRRRRKRVN	215-224	P52702
Bovine	VLRRRRKRVN	215-224	P20288
Dog	VLRRRRKRVN	215-224	Q9GJU1
Mouse	VLKRRKRVN	215-224	P61168
Rat	VLKRRKRVN	215-224	P61169
Ferret	VLKRRKRVN	215-224	Q6TLI9
<b>D<sub>2</sub> receptor IL3</b>			
<b>Species</b>	<b>Sequence</b>	<b>Residues</b>	<b>Accession #</b>
Human	NRRRVEAARR	266-275	P14416
Monkey	NRRRVEAARR	266-275	P52702
Bovine	NRRRVEAARR	266-275	P20288
Dog	NRRRVEAARR	266-275	Q9GJU1
Mouse	NRRRMDAARR	266-275	P61168
Rat	NRRRMDAARR	266-275	P61169
Ferret	NRRRVEAARR	266-275	Q6TLI9
<b>CB<sub>1</sub> receptor IL3</b>			
<b>Species</b>	<b>Sequence</b>	<b>Residues</b>	<b>Accession #</b>
Human	<sub>p</sub> TpSEDGKVQVT	321-330	P21554
Chimpanzee	<sub>p</sub> TpSEDGKVQVT	321-330	Q5IS73
Mouse	<sub>p</sub> TpSEDGKVQVT	322-331	P47746
Rat	<sub>p</sub> TpSEDGKVQVT	322-331	P20272
Cat	<sub>p</sub> TpSEDGKVQVT	321-330	O02777
Frog	<sub>p</sub> TpSEDGKVHIT	321-330	Q801M1
Fish	<sub>p</sub> SpTEDGKVQIT	323-332	P56971

<b>CB<sub>1</sub> receptor CT</b>			
<b>Species</b>	<b>Sequence</b>	<b>Residues</b>	<b>Accession #</b>
Human	SVSTDpTpSAE	462-470	P21554
Chimpanzee	SVSTDpTpSAE	462-470	Q5IS73
Mouse	SVSTDpTpSAE	463-471	P47746
Rat	SVSTDpTpSAE	463-471	P20272
Cat	SVSTNpTpSAK	462-470	O02777
Frog	SVSTDpTpSAE	460-468	Q801M1
Fish	SVSTDpTpTAE	463-471	P56971