1	MQVQCQQSPVLAGS-ATLVALGALALYVAKPSGYGKHTES MDLSAASHRIPLSDGNSIPIIGLGTYSEPKSTPKGACATSVKVAIDTGYRHIDGAYIYQN *:: :: *: *: :: :: :: :: :: :: :: :: ::		P31213 P51857	S A
40 61	LKPAATRLPARAAWFLQELPSFAVPAEHEVGEAIREKIAEGKVRREDIFYCGKLWATNHVPEMVRPTLERTLRVLQLDYVDLYIIE:::	65 120		S A
66 121	GILARQPLSLF VPMAFKPGDEIYPRDENGKWLYHKSNLCATWEAMEACKDAGLVKSLGVSNFNRRQLELIL *:: :* ::		P31213 P51857	S A
77 181	GPPGTVLLGLFCVHYFHRTFVYSLLNRGRPYPAILILRGTAFCTGNGVLQGYYLIY NKPGLKHKPVSNQVECHPYFTQPKLLKFCQQHDIVITAYSPL **			s A
133 223	CAEYPDGWYTDIRFSLGVFLFILGMGINIHSDYILRQLRKPGEISYRIPQGGLFTYVS GTSRNPIWVNVSSPPLLKDALLNSLGKRYNKTAAQIVLRFNIQRGVV-VIPK : * . * . : * * : : : : : : : :			s A
191 274	GANFLGEIIEWIGYALATWSLPALAFAFFSLCFLGLRAFHHHRFYLKMFEDYPKSRKA SFNLERIKENFQIFDFSLTEEEMKDIEALNKNVRFVELLMWRDHPEYPFHDEY . * : * :: : : : : : : : : : : : : : : :		P31213 P51857	s A
249 327	LIPFIF 254 P31213 S5A2_HUMAN 326 P51857 AK1D1_HUMAN			

Supporting Figure S4. 5AR type 2 and 5BR sequence alignment. Binding site residues are sharpened in light green; active site residues are sharpened in olive green.