

Table S3. RCAN3-1,2,3,4,5 and RCAN3-1c,2,3,4,5 detailed comparison in other species

cDNA	Reference nr/nt others	Relative genomic reference sequence	Relative ESTs
<i>RCAN3-1,2,3,4,5</i>	<i>Pan troglodytes</i> : XM_001167542	<i>Pan troglodytes</i> : NW_001230294	None
	<i>Pongo abelii</i> : XM_002811276	<i>Pongo abelii</i> : NW_002875515	
	<i>Macaca mulatta</i> *: XM_001113362	<i>Macaca mulatta</i> : NW_001111099 NW_001111036	
	<i>Callithrix jacchus</i> *: XM_002750444	<i>Callithrix jacchus</i> : NW_003183707	
<i>RCAN3-1c,2,3,4,5</i>	<i>Pan troglodytes</i> : XM_001167438	<i>Pan troglodytes</i> : NW_001230294	
	<i>Pongo abelii</i> : XM_002811275	<i>Pongo abelii</i> : NW_002875515	
	<i>Macaca mulatta</i> *: XM_001113362	<i>Macaca mulatta</i> : NW_001111099, NW_001111036	
	<i>Callithrix jacchus</i> *: XM_002750444	<i>Callithrix jacchus</i> : NW_003183707	
	<i>Ailuropoda melanoleuca</i> *: XM_002913282	<i>Ailuropoda melanoleuca</i> : NW_003217307	
	<i>Bos taurus</i> : NM_001045945	<i>Bos taurus</i> : NW_003103851	<i>Bos taurus</i> : EH159774, EE890946, CB418553, DV840262, DY196129, DV800730, DY169856
	<i>Sus scrofa</i> : AK345639	<i>Sus scrofa</i> : CU972460	<i>Sus scrofa</i> : EW106490, CJ017081, BP141896, FS697917, FS658919, FS713196, FS705492, FS705395, FS700296, DB789326, BW977154, BP440110, BP167063, FS698073, FS701530, DB805081, FS707785, FS690114, FS712957, FS712198, BW974719, FS705422, BW968935, CJ002637, FS692423, FS709612, FS706765, BW977041, FS709837,

			CJ007783, FS674466, CJ036933, BP455127, BP171584, FS713336, EW387620, FS718176, BP439743, EB421270, FS661279, FS663793, CV866456
	<u>Canis lupus familiaris:</u> XM_544495	<u>Canis lupus familiaris:</u> NW_876292, NC_006584	<u>Canis lupus familiaris:</u> DN375624
	<u>Mus musculus:</u> NM_022980	<u>Mus musculus:</u> NT_039267	<u>Mus musculus:</u> BB641796, AA414395, BB639047, BY192142, BF463754, BE994224, BE984311, AI854381, AI842260, AI666466, BY246936, BF021307
	<u>Rattus norvegicus*:</u> NM_001012746	<u>Rattus norvegicus:</u> NW_001084844	
	<u>Gallus gallus:</u> NM_001030907	<u>Gallus gallus:</u> NW_001471589	<u>Gallus gallus:</u> CO772075, AJ447031, AM068641, BM491687, BU245031, CN224613, AJ738137, BU294280, BU205026, CO503258
	<u>Danio rerio:</u> NM_001005392	<u>Danio rerio:</u> NW_001877781	<u>Danio rerio:</u> CF996050