

**Table S1.** Domain positions in 24 CaARF proteins.

RefSeq protein	Gene ID	Gene name	Length (aa)	DBD (aa)	MR (aa)	CTD (aa)
XP_004485416	LOC101492112	<i>CaARF1</i>	670	21-375	376-470	471-635
XP_004485844	LOC101513952	<i>CaARF2</i>	711	46-403	404-568	None <sup>1</sup>
XP_004485979	LOC101501408	<i>CaARF3</i>	908	22-379	380-657	658-864
XP_004487099	LOC101509547	<i>CaARF4</i>	719	10-412	413-546	547-692 <sup>2</sup>
XP_012571810	LOC101492916	<i>CaARF5</i>	826	62-426	427-624	625-787
XP_004488112	LOC101498659	<i>CaARF6</i>	1120	22-377	378-815	816-1082
XP_004490754	LOC101504978	<i>CaARF7</i>	833	23-380	381-601	602-796
XP_004490828	LOC101503141	<i>CaARF8</i>	504	11-366	367-405	None <sup>1</sup>
XP_012568938	LOC101491204	<i>CaARF9</i>	671	13-368	369-496	497-649
XP_004497510	LOC101505543	<i>CaARF10</i>	692	22-423	424-543	544-684 <sup>2</sup>
XP_012570835	LOC101509304	<i>CaARF11</i>	917	44-399	400-681	682-900
XP_012571326	LOC101496441	<i>CaARF12</i>	853	25-382	381-620	621-815
XP_004503553	LOC101504083	<i>CaARF13</i>	1120	35-392	393-788	789-1097
XP_004503803	LOC101498188	<i>CaARF14</i>	867	62-417	418-561	562-833
XP_004504542	LOC101500671	<i>CaARF15</i>	918	22-378	379-672	673-874
XP_004505103	LOC101493974	<i>CaARF16</i>	725	41-400	401-561	None <sup>1</sup>
XP_012572776	LOC101505359	<i>CaARF17</i>	807	59-424	425-605	606-768
XP_004506012	LOC101492451	<i>CaARF18</i>	706	11-406	407-532	533-679 <sup>2</sup>
XP_012572936	LOC101515039	<i>CaARF19</i>	691	21-377	378-500	501-667
XP_004508019	LOC101489666	<i>CaARF20</i>	1125	22-377	378-824	825-1087
XP_004510646	LOC101514738	<i>CaARF21</i>	612	30-419	420-524	None <sup>1</sup>
XP_004510662	LOC101492136	<i>CaARF22</i>	679	27-380	381-496	497-648
XP_004511136	LOC101505502	<i>CaARF23</i>	444	21-359	360-361	None <sup>1</sup>
XP_012567350	LOC101514889	<i>CaARF24</i>	598	18-400	401-488	None <sup>1</sup>

<sup>1</sup> Without domain III, IV : 2,8,16,21,23,24

<sup>2</sup> Without domain IV: 4,10,18