

表1 大豆与金鱼草中RAD 与DIV 理化分析

Table 1 The biochemical analysis of RAD and DIV in *Antirrhinum majus* and *Glycine max*

基因	氨基酸数目	分子量(Da)	等电点	分子式	不稳定指数	脂肪酸指数	亲水性平均系数
Gene	No. of amino acids	Molecular weight (Da)	Theoretical pI	Formula	Instability index	Aliphatic index	Grand average of hydrophobicity (GRAVY)
<i>RAD</i>	93	10 774.2	9.74	C <sub>475</sub> H <sub>754</sub> N <sub>142</sub> O <sub>141</sub> S <sub>2</sub>	42.89	56.67	-1.046
<i>GmRAD1</i>	93	10 588.8	7.94	C <sub>460</sub> H <sub>731</sub> N <sub>133</sub> O <sub>148</sub> S <sub>3</sub>	48.66	58.82	-1.040
<i>GmRAD2</i>	92	10 489.8	9.40	C <sub>460</sub> H <sub>726</sub> N <sub>132</sub> O <sub>143</sub> S <sub>3</sub>	83.32	55.11	-0.983
<i>GmRAD3</i>	97	10 965.2	8.89	C <sub>482</sub> H <sub>759</sub> N <sub>139</sub> O <sub>152</sub> S <sub>1</sub>	67.49	67.32	-0.884
<i>GmRAD4</i>	92	10 515.8	9.47	C <sub>460</sub> H <sub>728</sub> N <sub>136</sub> O <sub>141</sub> S <sub>3</sub>	81.50	60.43	-0.927
<i>GmRAD5</i>	82	9 581.0	9.63	C <sub>425</sub> H <sub>686</sub> N <sub>124</sub> O <sub>124</sub> S <sub>2</sub>	85.19	79.63	-0.783
<i>DIV</i>	307	34 429.1	8.82	C <sub>1510</sub> H <sub>2289</sub> N <sub>433</sub> O <sub>471</sub> S <sub>12</sub>	57.10	44.17	-0.839
<i>GmDIV1</i>	308	34 838.8	8.95	C <sub>1523</sub> H <sub>2372</sub> N <sub>444</sub> O <sub>478</sub> S <sub>9</sub>	50.92	60.39	-0.800
<i>GmDIV2</i>	327	37 015.9	8.93	C <sub>1642</sub> H <sub>2560</sub> N <sub>456</sub> O <sub>496</sub> S <sub>12</sub>	47.52	73.24	-0.539
<i>GmDIV3</i>	307	34 672.7	8.86	C <sub>1523</sub> H <sub>2370</sub> N <sub>438</sub> O <sub>473</sub> S <sub>9</sub>	51.38	61.86	-0.763
<i>GmDIV4</i>	323	36 597.9	9.06	C <sub>1613</sub> H <sub>2491</sub> N <sub>461</sub> O <sub>496</sub> S <sub>10</sub>	60.15	60.68	-0.835
<i>GmDIV5</i>	321	36 296.6	8.73	C <sub>1597</sub> H <sub>2464</sub> N <sub>454</sub> O <sub>493</sub> S <sub>12</sub>	55.29	60.50	-0.780