

**Table S2 The basic amino acids information of *DcaWRKY* genes**

<b>Gene ID</b>	<b>Number of amino acids</b>	<b>Molecular weight</b>	<b>Theoretical pI</b>	<b>Instability index</b>	<b>Aliphatic index</b>	<b>Grand average of hydropathicity (GRAVY)</b>
<i>Dca010993</i>	91	10998.29	9.08	34.57	34.57	-1.256
<i>Dca008968</i>	109	12529.08	8.41	31.48	63.49	-0.973
<i>Dca008967</i>	112	12802.27	6.1	25.13	56.61	56.61
<i>Dca002197</i>	129	15319.46	8.85	41.46	76.36	-0.583
<i>Dca016437</i>	132	15460.39	9.33	62.83	62.73	-0.917
<i>Dca028770</i>	138	15788.46	4.65	43.17	62.97	-0.514
<i>Dca000627</i>	149	16386.71	10.63	74.53	48.46	-0.802
<i>Dca020159</i>	147	16773.09	9.32	53.12	60.95	-0.722
<i>Dca003732</i>	158	18462.59	9.02	51.21	58.54	-1.099
<i>Dca000699</i>	162	18798.33	9.74	36.91	51.67	-1.117
<i>Dca005048</i>	176	20706.41	8.52	48.69	57.05	-0.834
<i>Dca013150</i>	182	20715.17	6.93	66.1	53.08	-0.886
<i>Dca016988</i>	185	20748.19	5.81	51.69	65.84	-0.768
<i>Dca000637</i>	187	21378.35	9.38	43.11	70.91	-0.726
<i>Dca015639</i>	193	21414.66	4.85	49.93	62.12	-0.641
<i>Dca019840</i>	196	21874.32	5.71	56.08	54.29	-0.739
<i>Dca024256</i>	224	24550.03	4.57	54.66	57.01	-0.811
<i>Dca003067</i>	225	25014.92	5.98	57.32	61.16	-0.605
<i>Dca011914</i>	224	25479.08	9.37	62.28	72.63	-0.654
<i>Dca014563</i>	228	25512.36	5.32	46.1	53.95	-0.631
<i>Dca026708</i>	223	25535.15	9.18	47.18	75.56	-0.736
<i>Dca015848</i>	236	27054.99	7.74	42.55	59.87	-0.966
<i>Dca013149</i>	253	27971.27	6.16	56.68	66.72	-0.574
<i>Dca005648</i>	256	28022.96	6.24	66.61	53.36	-0.855
<i>Dca021638</i>	263	29356.73	8.51	54.8	52.36	-0.811
<i>Dca009368</i>	262	29686.44	9.42	49.51	63.59	-0.72
<i>Dca013146</i>	264	29693.32	5.71	55.44	70.57	-0.562
<i>Dca011912</i>	277	29974.63	8.09	55.16	64.58	-0.609
<i>Dca012410</i>	280	30115.25	4.95	56.39	52.71	-0.633
<i>Dca002205</i>	266	31461.34	8.73	48.11	60.56	-1.089
<i>Dca005043</i>	294	32562.32	5.32	52	64.8	-0.592
<i>Dca018897</i>	300	33112.93	6.61	53.23	69.17	-0.686
<i>Dca008357</i>	302	33259.8	8.72	51.66	65.93	-0.528
<i>Dca015482</i>	309	33368.02	9.78	48.11	70.42	-0.47
<i>Dca015914</i>	301	33799.17	7.8	37.81	52.13	-0.956
<i>Dca011499</i>	302	34124.75	9.06	43.17	43.28	-1.049
<i>Dca020473</i>	314	34493.48	5.29	72.75	54.75	-0.604
<i>Dca028175</i>	317	34591.51	5.49	62.56	61.58	-0.622
<i>Dca002715</i>	320	35221.86	6.17	63.67	50.03	-0.772

<i>Dca019319</i>	316	35285.83	5.48	46	65.79	-0.521
<i>Dca006278</i>	331	35459.54	9.84	51.01	72.6	-0.344
<i>Dca003180</i>	336	35954.82	9.82	53.57	65.68	-0.44
<i>Dca012846</i>	320	36380.95	6.02	51.61	68.84	-0.721
<i>Dca023070</i>	338	37433.44	9.93	53.99	67.87	-0.722
<i>Dca017113</i>	332	37784.53	6.18	65.71	73.4	-0.777
<i>Dca006646</i>	365	39235.77	5.83	50.17	66.58	-0.436
<i>Dca006787</i>	366	40329.1	6.47	47.84	62.65	-0.64
<i>Dca019656</i>	396	43793.88	6.24	54.03	58.94	-0.78
<i>Dca002550</i>	397	43952.64	5.31	55.08	55.31	-0.759
<i>Dca027312</i>	399	45503.65	7.53	46.12	67.72	-0.524
<i>Dca020342</i>	425	47658.94	8.89	36.2	61.27	-0.907
<i>Dca008985</i>	509	55510.13	6.58	59.55	57.9	-0.811
<i>Dca011569</i>	522	56161.47	5.99	52.57	72.62	-0.393
<i>Dca010430</i>	529	58132.7	6.88	53.64	54.97	-0.897
<i>Dca018137</i>	549	58744.2	7.35	47.26	64.37	-0.642
<i>Dca000873</i>	555	59478.56	6.48	56.93	61.82	-0.565
<i>Dca000671</i>	542	59936.71	7.67	59.54	48.8	-0.923
<i>Dca024393</i>	557	59995.15	6.27	52.38	65.33	-0.63
<i>Dca007842</i>	570	61972.55	6.29	60.95	56.7	-0.673
<i>Dca004998</i>	578	64627.21	6.4	58.62	57.87	-0.778
<i>Dca006505</i>	611	66595.54	6.47	56.52	60.79	-0.759
<i>Dca007186</i>	638	69265.81	5.26	56.98	64.37	-0.656
<i>Dca005780</i>	717	78355.63	5.39	51.93	59.07	-0.616

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