

SUPPLEMENTAL TABLES

Supplemental Table 1. Identification and characteristics of *WRKY* genes of tea plant.

Gene Symbol	Gene Locus	Length (aa)	PI ^a	MW ^b (kDa)	Group	Domain
<i>CsWRKY01</i>	CSS0013701.1	557	8.77	61.46	I	WRKYGQK
<i>CsWRKY02</i>	CSS0018314.1	526	7.71	57.39	I	WRKYGQK
<i>CsWRKY03</i>	CSS0036172.1	494	7.71	53.55	I	WRKYGQK
<i>CsWRKY04</i>	CSS0009754.1	475	8.61	52.42	I	WRKYGQK
<i>CsWRKY05</i>	CSS0016070.2	478	8.97	52.08	I	WRKYGQK
<i>CsWRKY06</i>	CSS0049199.1	475	8.77	52.42	I	WRKYGQK
<i>CsWRKY07</i>	CSS0032925.1	634	9.31	70.97	I	WRKYGQK
<i>CsWRKY08</i>	CSS0012845.1	433	8.95	48.34	I	WRKYGQK
<i>CsWRKY09</i>	CSS0013638.1	575	7.72	63.84	I	WRKYGQK
<i>CsWRKY10</i>	CSS0037160.1	576	7.72	63.9	I	WRKYGQK
<i>CsWRKY11</i>	CSS0007384.1	555	6.19	61.09	I	WRKYGQK
<i>CsWRKY12</i>	CSS0002313.1	1080	6.91	12.01	I	WRKYGQK
<i>CsWRKY13</i>	CSS0029789.1	565	5.64	61.19	I	WRKYGQK
<i>CsWRKY14</i>	CSS0019008.1	527	5.57	57.76	I	WRKYGQK
<i>CsWRKY15</i>	CSS0035298.1	519	5.81	57.15	I	WRKYGQK
<i>CsWRKY16</i>	CSS0011032.1	468	6.05	51.75	I	WRKYGQK
<i>CsWRKY17</i>	CSS0016275.1	468	6.05	51.75	I	WRKYGQK
<i>CsWRKY18</i>	CSS0050267.1	566	8.7	62.68	I	WRKYGQK
<i>CsWRKY19</i>	CSS0049619.1	559	9.27	62.11	I	WRKYGQK
<i>CsWRKY20</i>	CSS0041811.1	735	6.02	79.53	I	WRKYGQK
<i>CsWRKY21</i>	CSS0047203.1	757	6.28	82.08	I	WRKYGQK
<i>CsWRKY22</i>	CSS0029344.1	481	9.74	55.05	II-a	WRKYGQK
<i>CsWRKY23</i>	CSS0028565.1	289	7.08	31.98	II-a	WRKYGQK
<i>CsWRKY24</i>	CSS0043380.1	292	7.06	32.38	II-a	WRKYGQK
<i>CsWRKY25</i>	CSS0031981.1	290	7.52	32.63	II-a	WRKYGQK
<i>CsWRKY26</i>	CSS0029116.1	260	8.7	28.55	II-a	WRKYGQK
<i>CsWRKY27</i>	CSS0011081.1	312	7	34.82	II-a	WRKYGQK
<i>CsWRKY28</i>	CSS0046698.1	608	7.53	66.37	II-b	WRKYGQK
<i>CsWRKY29</i>	CSS0030511.1	617	6.15	67.27	II-b	WRKYGQK
<i>CsWRKY30</i>	CSS0016724.1	486	5.74	53.21	II-b	WRKYGQK
<i>CsWRKY31</i>	CSS0047851.1	426	8.48	46.48	II-b	WRKYGQK
<i>CsWRKY32</i>	CSS0049202.1	463	7.04	51.18	II-b	WRKYGQK
<i>CsWRKY33</i>	CSS0016019.1	576	6.05	62.87	II-b	WRKYGQK
<i>CsWRKY34</i>	CSS0017731.1	497	8.75	53.56	II-b	WRKYGQK
<i>CsWRKY35</i>	CSS0011735.1	330	9.27	35.81	II-b	WRKYGQK
<i>CsWRKY36</i>	CSS0024299.1	330	9.28	35.79	II-b	WRKYGQK
<i>CsWRKY37</i>	CSS0047128.1	588	8.27	64.66	II-b	WRKYGQK
<i>CsWRKY38</i>	CSS0009811.1	296	5.93	32.04	II-c	WRKYGQK

CsWRKY39	CSS0012039.1	191	6.11	21.76	II-c	WRKYGQK
CsWRKY40	CSS0005839.1	181	9.63	20.47	II-c	WRKYGQK
CsWRKY41	CSS0023344.1	195	9.17	22.1	II-c	WRKYGQK
CsWRKY42	CSS0015141.1	235	9.28	26.61	II-c	WRKYGQK
CsWRKY43	CSS0021684.1	308	6.19	34.54	II-c	WRKYGQK
CsWRKY44	CSS0006997.1	142	9.37	15.74	II-c	WRKYGQK
CsWRKY45	CSS0024883.1	161	8.79	17.87	II-c	WRKYGQK
CsWRKY46	CSS0010088.1	87	10.37	10.06	II-c	WRKYGQK
CsWRKY47	CSS0023211.1	325	8.21	36.23	II-c	WRKYGQK
CsWRKY48	CSS0013690.1	163	9.06	18.5	II-c	WRKYGKK
CsWRKY49	CSS0015731.1	303	5.59	33.61	II-c	WRKYGQK
CsWRKY50	CSS0023363.1	339	6.2	37.18	II-c	WRKYGQK
CsWRKY51	CSS0036687.1	182	9.48	20.81	II-c	WRKYGQK
CsWRKY52	CSS0044497.1	173	9.56	19.78	II-c	WRKYGQK
CsWRKY53	CSS0019284.1	319	6.83	35.61	II-c	WRKYGQK
CsWRKY54	CSS0029008.1	222	6.75	25.34	II-c	WRKYGQK
CsWRKY55	CSS0032848.2	186	5.57	20.58	II-c	WRKYGKK
CsWRKY57	CSS0005905.1	328	9.66	35.71	II-d	WRKYGQK
CsWRKY58	CSS0019338.1	328	9.72	35.81	II-d	WRKYGQK
CsWRKY59	CSS0043390.3	325	9.69	36.27	II-d	WRKYGQK
CsWRKY60	CSS0000212.1	323	9.47	35.37	II-d	WRKYGQK
CsWRKY61	CSS0006948.1	292	9.98	32.86	II-d	WRKYGQK
CsWRKY62	CSS0021471.1	338	9.83	38.13	II-d	WRKYGQK
CsWRKY63	CSS0022276.1	282	9.71	31.81	II-d	WRKYGQK
CsWRKY64	CSS0025878.1	220	9.87	24.54	II-d	WRKYGQK
CsWRKY65	CSS0001726.1	319	9.51	35.48	II-d	WRKYGQK
CsWRKY66	CSS0005093.1	316	6.26	34.99	II-e	WRKYGQK
CsWRKY67	CSS0000771.1	328	5.92	35.84	II-e	WRKYGQK
CsWRKY68	CSS0039253.1	363	6.97	40.37	II-e	WRKYGQK
CsWRKY69	CSS0013893.1	275	4.77	31.06	II-e	WRKYGQK
CsWRKY70	CSS0009616.1	255	5.06	29.08	II-e	WRKYGQK
CsWRKY71	CSS0043831.1	255	5.06	29.09	II-e	WRKYGQK
CsWRKY72	CSS0009850.1	269	5.56	29.69	II-e	WRKYGQK
CsWRKY73	CSS0021156.1	312	5.27	35.51	II-e	WRKYGQK
CsWRKY74	CSS0024751.1	336	5.08	36.79	II-e	WRKYGQK
CsWRKY75	CSS0024614.1	280	5.76	31.35	II-e	WRKYGQK
CsWRKY56	CSS0026457.1	303	5.11	33.81	II-e	WRKYGQK
CsWRKY76	CSS0028101.1	161	5.02	17.25	II-e	WRKYGQK
CsWRKY77	CSS0021226.1	204	8.84	23.32	II-e	WRKYGRK
CsWRKY78	CSS0025064.1	201	8.59	23.07	II-e	WRKYGRK
CsWRKY79	CSS0033725.1	193	8.14	22.07	II-e	WRKYGRK
CsWRKY80	CSS0033421.1	355	5.03	40.45	III	WRKYGQK
CsWRKY81	CSS0008438.1	220	6.19	23.67	III	WRKYGQK
CsWRKY82	CSS0005560.1	325	6.45	36.75	III	WRKYGQK

<i>CsWRKY83</i>	CSS0023134.1	323	6.59	36.41	III	WRKYGQK
<i>CsWRKY84</i>	CSS0024387.1	304	4.97	33.48	III	WRKYGQK
<i>CsWRKY85</i>	CSS0024910.1	296	5.23	33.4	III	WRKYGQK
<i>CsWRKY86</i>	CSS0040110.1	296	5.23	33.4	III	WRKYGQK

^a PI: Isoelectric point; ^b MW: Molecular weight; kDa: kilo-Dalton