

**Supplemental Table 2.** Gene Identifiers and Clone Information.

Gene name	Gene model	Primer Orientation		Position relative to ATG		Vector
		Fwd	Rev	Start	Stop	
<i>IQD1</i>	At3g09710.1	I108	I109	1	1365	pENTR/dTOPO
<i>IQD2</i>	At5g03040.1	I110	I111	1	1386	pENTR/dTOPO
<i>IQD3</i>	At3g52290.1	I112	I113	1	1293	pENTR/dTOPO
<i>IQD4</i>	At2g26410.1	I114	I115	1	1584	pENTR/dTOPO
<i>IQD5</i>	At3g22190.1	I800	I801	1	1269	pENTR3CUSER
<i>IQD6</i>	At2g26180.1	I118	I119	1	1251	pENTR/dTOPO
<i>IQD7</i>	At1g17480.1	I120	I121	1	1116	pENTR/dTOPO
<i>IQD8</i>	At1g72670.1	I222	I223	1	1245	pENTR/dTOPO
<i>IQD9</i>	At2g33990.1	I124	I125	1	792	pENTR/dTOPO
<i>IQD10</i>	At3g15050.1	I126	I127	1	780	pENTR/dTOPO
<i>IQD11</i>	At5g13460.1	I128	I129	1	1332	pENTR/dTOPO
<i>IQD12</i>	At5g03960.1	I130	I131	1	1212	pENTR/dTOPO
<i>IQD13</i>	At3g59690.1	I132	I133	1	1554	pENTR/dTOPO
<i>IQD14</i>	At2g43680.1	I134	I135	1	2010	pENTR/dTOPO
<i>IQD15</i>	At3g49380.1	I136	I137	1	1059	pENTR/dTOPO
<i>IQD16</i>	At4g10640.1	I138	I139	1	1272	pENTR/dTOPO
<i>IQD17</i>	At4g00820.1	I140	I141	1	1605	pENTR/dTOPO
<i>IQD18</i>	At1g01110.2	I142	I143	1	1584	pENTR/dTOPO
<i>IQD19</i>	At4g14750.1	I144	I145	1	1164	pENTR/dTOPO
<i>IQD20</i>	At3g51380.1	I146	I147	1	312	pENTR/dTOPO
<i>IQD21</i>	At3g49260.1	I148	I149	1	1419	pENTR/dTOPO
<i>IQD22</i>	At4g23060.1	I150	I151	1	1455	pENTR/dTOPO
<i>IQD23</i>	At5g62070.1	I152	I153	1	1212	pENTR/dTOPO
<i>IQD24</i>	At5g07240.1	I154	I155	1	1206	pENTR/dTOPO
<i>IQD25</i>	At4g29150.1	I156	I157	1	1200	pENTR/dTOPO
<i>IQD26</i>	At3g16490.1	I158	I159	1	1170	pENTR/dTOPO
<i>IQD27</i>	At1g51960.1	I160	I161	1	1056	pENTR/dTOPO
<i>IQD28</i>	At1g14380.1	I162	I163	1	1995	pENTR/dTOPO
<i>IQD29</i>	At2g02790.2	I164	I165	1	1763	pENTR/dTOPO

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<i>IQD30</i>	At1g18840.1	I873	I874	1	1719	pENTR3CUSER
<i>IQD31</i>	At1g74690.1	I168	I169	1	1764	pENTR/dTOPO
<i>IQD32</i>	At1g19870.1	I170	I171	1	2385	pENTR/dTOPO
<i>IQD33</i>	At5g35670.1	I172	I173	1	1329	pENTR/dTOPO
<i>TUA5</i>	At5g19780.1	A019	A020	1	1353	pENTR/dTOPO
<i>PDLP1</i>	At5g43980.1	A027	A028	1	909	pENTR/dTOPO
<i>TRM1</i>	At3g02170.1	I752	I753	1	2718	pDONR221
<i>Rem6.6</i>	At1g13920	I1378	I1379	1	1038	pDONR207
<i>Rem6.7</i>	At5g61280	I1374	I1375	1	792	pDONR207
<i>ProIQD11</i>	At5g13460	I192	I193	-1	-1253	pENTR/dTOPO
<i>ProIQD14</i>	At3g59690	I198	I199	-1	-1868	pENTR/dTOPO
<i>ProIQD16</i>	At4g10640	I202	I203	-1	-1110	pENTR/dTOPO
<i>ProIQD25</i>	At4g29150	I220	I221	-1	-1090	pENTR/dTOPO
<i>ProIQD8:IQD8</i>	At1g72670.1	I250	I1251	-688 (intergenic)	1757	pDONR221
<i>ProIQD14:IQD14</i>	At2g43680.1	I1468	I1469	-1868	2283	pDONR221
<i>ProIQD16:IQD16</i>	At4g10640.1	I1234	I1235	-1110	2311	pDONR221
<i>ProIQD20:IQD20</i>	At3g51380.1	I1380	I1381	-2201	388	pDONR221
<i>ProIQD25:IQD25</i>	At4g29150.1	I1382	I1383	-1090	1568	pDONR221
<i>ProIQD28:IQD28</i>	At1g14380.1	I1369	I1370	-1520	2480	pDONR221