

Supplemental Table 1. Detailed classifications of the 125 *OsWAKs* identified from the genome sequence of rice (*Oryza sativa* L.) ssp. *japonica* cv. Nipponbare and their accession numbers in TIGR/Genbank.

	OsWAK Name/Acc. No (Genbank or TIGR)
OsWAK-RLK (67)	² OsWAK5/P0503E05.16, ² OsWAK6/P0503E05.28, ² OsWAK7/8//P0503E05.38, ¹ OsWAK11/P0501G04.26 , OsWAK13/4362.t00004, OsWAK14/OJ1643_A10.5, OsWAK15/OJ1643_A10.7, OsWAK16/OJ1643_A10.14, OsWAK20/OJ1520_C09.11, OsWAK22/OJ1520_C09.15, OsWAK24/P0016F11.13, OsWAK25/OSJNBa0081P02.15 , OsWAK26/4613.t00011, OsWAK27/9631.t04035, OsWAK28/OSJNBa0075M12.12 , OsWAK29/B1340F09.9 , OsWAK32/OSJNBa0023J03.15 , OsWAK34/OSJNBb0032D24.8, OsWAK36/OSJNBa0033H08.8, OsWAK38/OSJNBa0081G05.15, OsWAK39/9632.t02794, OsWAK42/4577.t00017, OsWAK43/OSJNBa0016N04.10, OsWAK44/OSJNBa0016N04.12, OsWAK45/OSJNBa0016N04.13, ² OsWAK46/OSJNBb0042I07.11 , OsWAK47/OSJNBb0076A22.6, ² OsWAK50/8142.t00001 , OsWAK51/OSJNBa0073E02.11, OsWAK53/OSJNBa0093F12.22 , OsWAK55/OSJNBb0059K02.19, OsWAK56/2968.t00014, ² OsWAK57/58//4374.t00003, OsWAK60/4374.t00015, OsWAK61/P0535G04.24, OsWAK63/OSJNBa0033B09.36, OsWAK64/P0018H04.10, OsWAK65/P0018H04.26, ² OsWAK73/OJ1345_D02.11, OsWAK74/OJ1345_D02.15, OsWAK75/OJ1345_D02.17, OsWAK79/5662.t00009, ² OsWAK80/OJ1118_B06.13, ² OsWAK87/9637.t02672 , ² OsWAK89a/P0635G10.14, ² OsWAK89b/P0635G10.15, OsWAK90/P0635G10.16, OsWAK91/P0635G10.17 , OsWAK92/P0635G10.28 , OsWAK95/OSJNBb0012A20.9, ² OsWAK96/97//OSJNBb0012A20.11/12, OsWAK99/OSJNBa0023I19.8, OsWAK103/OSJNBa0028C16.1, OsWAK104/OSJNBa0028C16.5, OsWAK105/OSJNBa0028C16.9, OsWAK106/OSJNBa0011A24.19, OsWAK108/OSJNBa0051J07.1 ² OsWAK109/110//OSJNBa0051J07.6/7, OsWAK111/OSJNBa0047G15.20, ² OsWAK112/OSJNBa0095J15.4 , OsWAK120/9639.t03169, OsWAK121/9639.t04303, OsWAK122/6324.t00019 OsWAK123/6324.t00020, OsWAK126/5650.t00002, ² OsWAK128/6563.t00002 , OsWAK129/6563.t00003
OsWAK-RLCK (28)	² OsWAK1/P0443D08.10 , OsWAK2/P0443D08.15 , ² OsWAK3/P0551A11.19, ² OsWAK4/P0551A11.27 , OsWAK9/P0503E05.40, ² OsWAK10/2884.t00031 , ² OsWAK12/4362.t00002 , ² OsWAK21/OJ1520_C09.13 , OsWAK49/OSJNBb0076A22.17, OsWAK59/4374.t00007, ² OsWAK69/2123.t00006, OsWAK70/2123.t00010, OsWAK71/2123.t00013, ² OsWAK72/2123.t00019 , ² OsWAK76/OJ1345_D02.20 , OsWAK77/OJ1484_G09.121, ² OsWAK81/OJ1118_B06.15 , ² OsWAK82/OJ1118_B06.17 , OsWAK85/OJ1118_B06.25 , OsWAK93/OSJNBa0096E22.10, OsWAK98/OSJNBb0012A20.17 , OsWAK100/OSJNBa0029P06.11, OsWAK102/OSJNBa0034A02.20, OsWAK114/OSJNBa0093I09.15, OsWAK116/7185.t00001, OsWAK117/7185.t00010 , OsWAK118/7185.t00014, OsWAK119/7185.t00017
OsWAK-RLP (13)	² OsWAK30/31//OSJNBa0055H05.4/5 , OsWAK33/OSJNBb0032D24.11 , OsWAK40/9632.t02799, OsWAK41/OSJNBa0016N04.2, OsWAK48/OSJNBb0076A22.8, OsWAK78/OJ1484_G09.127, ² OsWAK84/OJ1118_B06.22 , OsWAK94/OSJNBa0096E22.11, OsWAK107/OSJNBa0011A24.20, OsWAK113/OSJNBa0093I09.13, OsWAK115/3580.t00004, ² OsWAK124/4517.t00012 , OsWAK125/1894.t00003
OsWAK short genes (12)	OsWAK17/OJ1111_E07.2, ² OsWAK18/OJ1520_C09.2 , OsWAK19/OJ1520_C09.6, ² OsWAK23/OJ1520_C09.19 , ² OsWAK35/OSJNBa0024J22.12 , ² OsWAK37/9632.t02778 , ² OsWAK52/OSJNBa0093F12.18 , OsWAK54/OSJNBb0059K02.18, OsWAK62/OSJNBa0033B09.26, OsWAK67/P0639B07.28, ² OsWAK101/OSJNBa0034A02.10 , ² OsWAK127/6563.t00001
OsWAK pseudogene (5)	OsWAK66/OSJNBa0050F10.15, ² OsWAK68/P0639B07.28, OsWAK83/OJ1118_B06.19, OsWAK86/OJ1104_G11.11, OsWAK88/P0635G10.10

¹ OsWAKs in bold have corresponding FL-cDNA sequence(s) available (total=38)

² Reannotated either by FL-cDNA sequences or manual assessment (total=37)