

TaNAC69-1	ATGCCAATGGGCAGCAGC...GCGGCCATGCCCGCCCTCCCTCCCGGCTTCGGTTCCACCCACCGACGAGGAGCTCATCGTCCACTAC	87
TaNAC69-2	ATGCCAATGGGCAGCAGCAGCGCGCCATGCCCGCCCTCCCTCCCGGCTTCGGTTCCACCCACCGACGAGGAGCTCATCGTCCACTAC	90
TaNAC69-3	ATGCCAATGGGCAGCAGCAGCGCGCCATGCCCGCCCTCCCTCCCGGCTTCGGTTCCACCCACCGACGAGGAGCTCATCGTCCACTAC	90
TuNAC69	ATGCCAATGGGCAGCAGCAGCTGCCGCCATGCCCGCCCTCCCTCCCGGCTTCGGTTCCACCCACCGACGAGGAGCTCATCGTCCACTAC	90
Consensus	atgccaatgggagcagc gcgcccatgcccgcctccctcccggttcgggttccacccacccgacgaggagctcatcgctccactac	
TaNAC69-1	CTCGCAGGCAGGCGCGTCCATGCCAGCCCGTGCCCATCATCGCGAGGTCAACATCTACAAGTGCAACCCATGGGACCTCCCGGGC	177
TaNAC69-2	CTCGCAGGCAGGCGCGTCCATGCCAGCCCGTGCCCATCATCGCGAGGTCAACATCTACAAGTGCAACCCATGGGACCTCCCGGGC	180
TaNAC69-3	CTCGCAGGCAGGCGCGTCCATGCCAGCCCGTGCCCATCATCGCGAGGTCAACATCTACAAGTGCAACCCATGGGACCTCCCGGGC	180
TuNAC69	CTCGCAGGCAGGCGCGTCCATGCCAGCCCGTGCCCATCATCGCGAGGTCAACATCTACAAGTGCAACCCATGGGACCTCCCGGGC	180
Consensus	ctc gcaggcaggcgcgctccatgccagcccggtgcccatcatcgcgagggtcaacatctacaagtgaacccatgggacctcccgggc	
TaNAC69-1	AAGGCTTTGTTTCGGGGAGAATGAGTGGTACTTCTTCAGCCCCCGGGATCGCAAGTACCCCAACGGCGCGCGCCGCAACCGCGCCGCGGG	267
TaNAC69-2	AAGGCTTTGTTTCGGGGAGAATGAGTGGTACTTCTTCAGCCCCCGGGATCGCAAGTACCCCAACGGCGCGCGCCGCAACCGCGCCGCGGG	270
TaNAC69-3	AAGGCTTTGTTTCGGGGAGAATGAGTGGTACTTCTTCAGCCCCCGGGATCGCAAGTACCCCAACGGCGCGCGCCGCAACCGCGCCGCGGG	270
TuNAC69	AAGGCTTTGTTTCGGGGAGAATGAGTGGTACTTCTTCAGCCCCCGGGATCGCAAGTACCCCAACGGCGCGCGCCGCAACCGCGCCGCGGG	270
Consensus	aa gc ttgttcggggagaatgagtggtacttcttcagccccgggatcgcaagtaccccaacggcgcgcgccc aaccgcgccgcgcggg	
TaNAC69-1	TCCGGCTACTGGAAGGCCACCGGCACCGACAAGGCCATCTCTGCCAGCCGGCCCAACGAGAGCATCGGGGTAAAGAAGGCGCTCGTCTTC	357
TaNAC69-2	TCCGGCTACTGGAAGGCCACCGGCACCGACAAGGCCATCTCTGCCAGCCGGCCCAACGAGAGCATCGGGGTAAAGAAGGCGCTCGTCTTC	360
TaNAC69-3	TCCGGCTACTGGAAGGCCACCGGCACCGACAAGGCCATCTCTGCCAGCCGGCCCAACGAGAGCATCGGGGTAAAGAAGGCGCTCGTCTTC	360
TuNAC69	TCCGGCTACTGGAAGGCCACCGGCACCGACAAGGCCATCTCTGCCAGCCGGCCCAACGAGAGCATCGGGGTAAAGAAGGCGCTCGTCTTC	360
Consensus	tccgg tactggaaggccacggccacgcacaaggccatctctgccagccggccaacgagagcatcgg gt aagaaggcgctcgt ttc	
TaNAC69-1	TACGGGGCAAGCCGCCCAAGGGCGTCAAGACCGACTGGATCATGCACAGTACCGCCTCACCGCGCCGCAACCGGACCCACCAAGCGC	447
TaNAC69-2	TACGGGGCAAGCCGCCCAAGGGCGTCAAGACCGACTGGATCATGCACAGTACCGCCTCACCGCGCCGCAACCGGACCCACCAAGCGC	450
TaNAC69-3	TACGGGGCAAGCCGCCCAAGGGCGTCAAGACCGACTGGATCATGCACAGTACCGCCTCACCGCGCCGCAACCGGACCCACCAAGCGC	450
TuNAC69	TACGGGGCAAGCCGCCCAAGGGCGTCAAGACCGACTGGATCATGCACAGTACCGCCTCACCGCGCCGCAACCGGACCCACCAAGCGC	450
Consensus	tac ggggcaaggccgccaaggcgctcaagaccgactggatcatgcacaggtaccgcctcacccg gccgacaacggaccaccaagcgc	
TaNAC69-1	AGAGGATCCTCCATGAGGCTGGATGACTGGGTGCTGTGTAGGATCCACAAGAAGTGCGGCAACTTGGCCAACTTCTCCTCTCTGACCAG	537
TaNAC69-2	AGAGGATCCTCCATGAGGCTGGATGACTGGGTGCTGTGTAGGATCCACAAGAAGTGCGGCAACTTGGCCAACTTCTCCTCTCTGACCAG	540
TaNAC69-3	AGAGGATCCTCCATGAGGCTGGATGACTGGGTGCTGTGTAGGATCCACAAGAAGTGCGGCAACTTGGCCAACTTCTCCTCTCTGACCAG	540
TuNAC69	AGAGGATCCTCCATGAGGCTGGATGACTGGGTGCTGTGTAGGATCCACAAGAAGTGCGGCAACTTGGCCAACTTCTCCTCTCTGACCAG	540
Consensus	agagatcctccatgaggctggatgactgggtgctgtgtaggatccacaagaagtgc caacttgc caacttctcctctctgaccag	
TaNAC69-1	GAACAGGAGCTGAGCAGGAGAGCTCCACC...GTGGAGGACTCGCACAACAACCACACCGGTGTCGTCGCCCAAGTGGAGGCTTCGAC	624
TaNAC69-2	GAACAGGAGCTGAGCAGGAGAGCTCCACC...GTGGAGGACTCGCACAACAACCACACCGGTGTCGTCGCCCAAGTGGAGGCTTCGAC	627
TaNAC69-3	GAACAGGAGCTGAGCAGGAGAGCTCCACC...GTGGAGGACTCGCACAACAACCACACCGGTGTCGTCGCCCAAGTGGAGGCTTCGAC	630
TuNAC69	GAACAGGAGCTGAGCAGGAGAGCTCCACC...GTGGAGGACTCGCACAACAACCACACCGGTGTCGTCGCCCAAGTGGAGGCTTCGAC	630
Consensus	gaacaggagca gacaggagagctccacc gtggaggactcgca aacaaccacacccgtgtcgtcgcccaagt gaggccttcgac	
TaNAC69-1	GGCGACGGCACGACCACTTCAGTTGCAGCAGTTCGCGCCCATGGCGATCGCCAAGTCGTGCTCCCTCACCAGCTGTCTCAACACCGTC	714
TaNAC69-2	GGCGACGGCACGACCACTTCAGTTGCAGCAGTTCGCGCCCATGGCGATCGCCAAGTCGTGCTCCCTCACCAGCTGTCTCAACACCGTC	717
TaNAC69-3	GGCGACGGCACGACCACTTCAGTTGCAGCAGTTCGCGCCCATGGCGATCGCCAAGTCGTGCTCCCTCACCAGCTGTCTCAACACCGTC	720
TuNAC69	GGCGACGGCACGACCACTTCAGTTGCAGCAGTTCGCGCCCATGGCGATCGCCAAGTCGTGCTCCCTCACCAGCTGTCTCAACACCGTC	720
Consensus	ggcgacggc acgacca ct cag tgcagcagttccgccccatggcgatcgccaagtctgtctcctcaccgacctgtctcaacaccgtc	
TaNAC69-1	GACTACGCCGCGCTCTCGCACCCTCCTCTCGAGCGCGCGG...CGCCTCGTCTGTCGGACGCCGAGCAGACTACCAGTGCCTGCC	798
TaNAC69-2	GACTACGCCGCGCTCTCGCACCCTCCTCTCGAGCGCGCGG...CGCCTCGTCTGTCGGACGCCGAGCAGACTACCAGTGCCTGCC	801
TaNAC69-3	GACTACGCCGCGCTCTCGCACCCTCCTCTCGAGCGCGCGG...CGCCTCGTCTGTCGGACGCCGAGCAGACTACCAGTGCCTGCC	810
TuNAC69	GACTACGCCGCGCTCTCGCACCCTCCTCTCGAGCGCGCGG...CGCCTCGTCTGTCGGACGCCGAGCAGACTACCAGTGCCTGCC	810
Consensus	gactacgcccgcgtctcgcacctcctcctcgagcgcgccgg cgctcgtctgctggacgcccggagcagactaccagctgccc cc	
TaNAC69-1	GAAAACCGCTCATCTACTCGCAGCCTCCATGGCAACAACGCTACACTATAATAACA...CAAGGGCTACGTGAACACGAGACCATC	885
TaNAC69-2	GAAAACCGCTCATCTACTCGCAGCCTCCATGGCAACAACGCTACACTATAATAACA...CAAGGGCTACGTGAACACGAGACCATC	888
TaNAC69-3	GAAAACCGCTCATCTACTCGCAGCCTCCATGGCAACAACGCTACACTATAATAACA...CAAGGGCTACGTGAACACGAGACCATC	900
TuNAC69	GAAAACCGCTCATCTACTCGCAGCCTCCATGGCAACAACGCTACACTATAATAACA...CAAGGGCTACGTGAACACGAGACCATC	900
Consensus	gaaaaccc ctcatctactcgcagcctccatggcaacaacgctacactataataacaa caa ggctacgtgaaca cga accatc	
TaNAC69-1	GACGTGCCTCAGCTACCCGAGGCGCGGTAGATGACTACGGCATGAATGGCGATAGTATAACGGCATGAAGAGGACAGTCCAGCGGC	975
TaNAC69-2	GACGTGCCTCAGCTACCCGAGGCGCGGTAGATGACTACGGCATGAATGGCGATAGTATAACGGCATGAAGAGGACAGTCCAGCGGC	978
TaNAC69-3	GACGTGCCTCAGCTACCCGAGGCGCGGTAGATGACTACGGCATGAATGGCGATAGTATAACGGCATGAAGAGGACAGTCCAGCGGC	990
TuNAC69	GACGTGCCTCAGCTACCCGAGGCGCGGTAGATGACTACGGCATGAATGGCGATAGTATAACGGCATGAAGAGGACAGTCCAGCGGC	990
Consensus	gacgtgcctcag taccggaggc g gtatagactacggcatgaatggcgata gta aacggcatgaa aggaa ag tccagcggc	
TaNAC69-1	AGCTTGTTACTGCAGCCAGCTGCAGCTCCCGCGGGATCAGTACAGCGGCATGCTGATCCATCCGTTCTCAGCCAGCAGCTGCACATGTG	1064
TaNAC69-2	AGCTTGTTACTGCAGCCAGCTGCAGCTCCCGCGGGATCAGTACAGCGGCATGCTGATCCATCCGTTCTCAGCCAGCAGCTGCACATGTG	1067
TaNAC69-3	AGCTTGTTACTGCAGCCAGCTGCAGCTCCCGCGGGATCAGTACAGCGGCATGCTGATCCATCCGTTCTCAGCCAGCAGCTGCACATGTG	1079
TuNAC69	AGCTTGTTACTGCAGCCAGCTGCAGCTCCCGCGGGATCAGTACAGCGGCATGCTGATCCATCCGTTCTCAGCCAGCAGCTGCACATGTG	1079
Consensus	ag ttgtactgcagccagctgcagctccc gggatcagtagacggcgatgctga ccatacgttctcagccagcagctgcacatgtg	

Figure S1. Multiple comparisons between TuNAC69 and its homologs in wheat.