

**Supplementary Figure S2** Motifs found in senescence associated WRKY proteins. Full length sequences were run in MEME program to find conserved motifs. Fifteen motifs are shown with their logo, sequence and length

	Logo	Sequence	Length
1.		ILDDGYRWRKYGQKVVKGSPYPRSYKCT	29
2.		CPVRKQVZRSRDDPTIVITY	21
3.		KKAECTVREPRVAVQTTSEVD	21
4.		GKHNHPVPAARRRSASTNAS	21
5.		VZELADKILSSFEKLJSLNLR	21
6.		KKRKRVRVYRPAISMKMD	22
7.		LTRGPEFTAQLAAAJSSPISS	21
8.		SYFTIPPGLSPTTELLDSPVLL	21
9.		ARTLLPCSSSMATISASAPFPTYTLDLTQ	29
10.		GSSVSRGDEDEBEPESKRRKLENESEEM	29
11.		RKSMPTWTEQVRVSAEAGFEG	21
12.		LNHPNFILSMPAPLLPQILGQALYNQSKFSGLQISQDSEGQ	41
13.		SQMNGFGMVHNLHSESDLTDJFSANTSSTSSPIVG	36
14.		TGHARFRRGPVQ	12
15.		ANMLLSGSMPSADGLMNTNFL	21