

Table S2: Motifs and their annotation information in poplar GATA proteins.

Annotations of GATA protein sequence motifs			
Name	Sequence	Description of Smart	Description of Pfam
Motif 1	HCGTTKTPQWRRGPAGPKTLCNACGVRYK	NO	GATA
Motif 2	GRLVPEYRPAASPTFVSELHSNSHRKVLE	NO	NO
Motif 3	RSTQPRRIASLVRFREKRKERCDFDKIRYTVRKEVALRMHRKKGQFASSK	NO	CCT
Motif 4	ELCVPTDDIAELEWLSNFVEDSFSDYSL	NO	NO
Motif 5	EDGVVPSSRTSZLTLSFEGEVYVFPAVTPDKVQAVLLLLGGREIPTA	TIFY	tify
Motif 6	SVSGSDYFSVDDLLDFSNDDDAEDTD	NO	NO
Motif 7	TRVPGKARSKRSRAAPTWR	NO	NO
Motif 8	PELRKRKLGEEEAAILLMALSCGSVYA	NO	NO
Motif 9	KKEMVRAQRQKQHRKGRDHHNRMVFIQEGGGDDYGYGFDDG	low complexity	NO
Motif 10	NKGTLRDLSKGGRNJPFNQNEPVPDFKP	NO	NO
Motif 11	MMHRCSSSQCNMVGPCSCGMYHSQNSFSMLFSPDHRKSFDETDMYP	NO	NO
Motif 12	MEQHYGYHQNNSWVQNQKMPCFSPANEFRIEDNDRSDTG	NO	NO
Motif 13	MYTPSQPMNVHNQIVSPGVDDDGAPADPIDHHHHIHYEDGTPAVV	low complexity	NO
Motif 14	FEEFARHLTNEEQQLLKYLPLDTAKLPNSIESMFDSPQFKENINCYQQ	NO	UCH-binding
Motif 15	VKWMPSKMRLMQEMTNSNCSETDHQPMKFMLKFHNQQCQNNEIN	NO	NO
Motif 16	VEKLT KDLYTILHEQQSSCFSGSSEEDLLFDNETPMVSVEIGHGSVLIRH	NO	NO
Motif 17	PFAEEEELEWLLDDDDFPNVLDGFGDLSGEPGEIPEHHDPQVVJEDSST	low complexity	NO
Motif 18	GTPSTRLSEDDEKMRHDQRRSGSCMSNFCWDILQTKNDSTPYPPQAHKT	NO	NO
Motif 19	FAESRLVIKIPHEVDPEHKKKKKIKFIVPLGPVEMNQNSQPQQA VRKCM	low complexity	NO
Motif 20	MRRQKEMLGPEQQQ	NO	NO