

Additional file 4: Atomic level interactions of miRNA and miRNA binding sites. miRStv_11 bases are shown in three letters and *KAH* gene promoter region bases are depicted in one letter codes.

Donor	Acceptor	Donor Acceptor Distance
C 3.B N4	GUA 13.C N3	3.3
A 5.B N6	ADE 14.C OP1	2.2
A 6.B N6	ADE 14.C N7	2.9
C 8.B N4	GUA 3.C O6	2.9
C 8.B N4	URA 16.C O4	3.5
C 9.B N4	GUA 2.C O6	2.6
C 10.B N4	GUA 1.C O6	3.4
C 10.B N4	URA 19.C O4	3.6
ADE 14.C N6	A 6.B N7	2.6
ADE 14.C N6	A 6.B O2P	3.3
CYT 17.C N4	G 2.A O6	2.9
CYT 17.C N4	G 3.A O6	3.6
ADE 5B.C N6	A 6.B O5'	2.5