

S2 Table. Dsx consensus binding sequences upstream of *A. aegypti* OR genes

Aae Gene ID	Gene Name	Sequence	Position
AAEL005999	OR 2	AAAACAAAGATGG	2 kb upstream
		CGAACAAATGTTGT	2.5 kb upstream
		ATTACTAAGAAAT	3.3 kb upstream
		ATGACAATGTAAT	2.7 kb upstream
AAEL006005	OR 9	ATGACTATGTCGT	2.9 kb upstream
		GCAAATATGTTGC	3.2 kb upstream
		CACACTAAGTTAT	3.4 kb upstream
AAEL011796	OR 62	CCTACAAAGAAC	0.7 kb upstream
		ACTACAATGAATT	0.9 kb upstream
		GACACTAAGTTTC	3.6 kb upstream
		CATAAAATGTTGA	0.9 kb upstream
AAEL017537	OR 123	GTAACAAAGTTA	1.8 kb upstream
		AAAACAAAGTTG	4.0 kb upstream

5' flanking Dsx consensus binding sequences were identified upstream of the indicated OR genes. The position of each sequence relative to the open reading frame of each OR gene is indicated.