A.

Supplementary Figure 1
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B.

Full Length Factor	hGRHL1	mGRHL1	dGRH	ceGRH
Identity (%)	82	82	34	34
Similarity(%)	87	87	42	44

DNA binding domain	hGRHL1	mGRHL1	dGRH	ceGRH
Identity(%)	96	99	57	57
Similarity(%)	99	97	67	69

Dimer domain	hGRHL1	mGRHL1	dGRH	ceGRH
Identity(%)	85	85	41	38
Similarity(%)	93	92	54	56

Supplementary Figure 1
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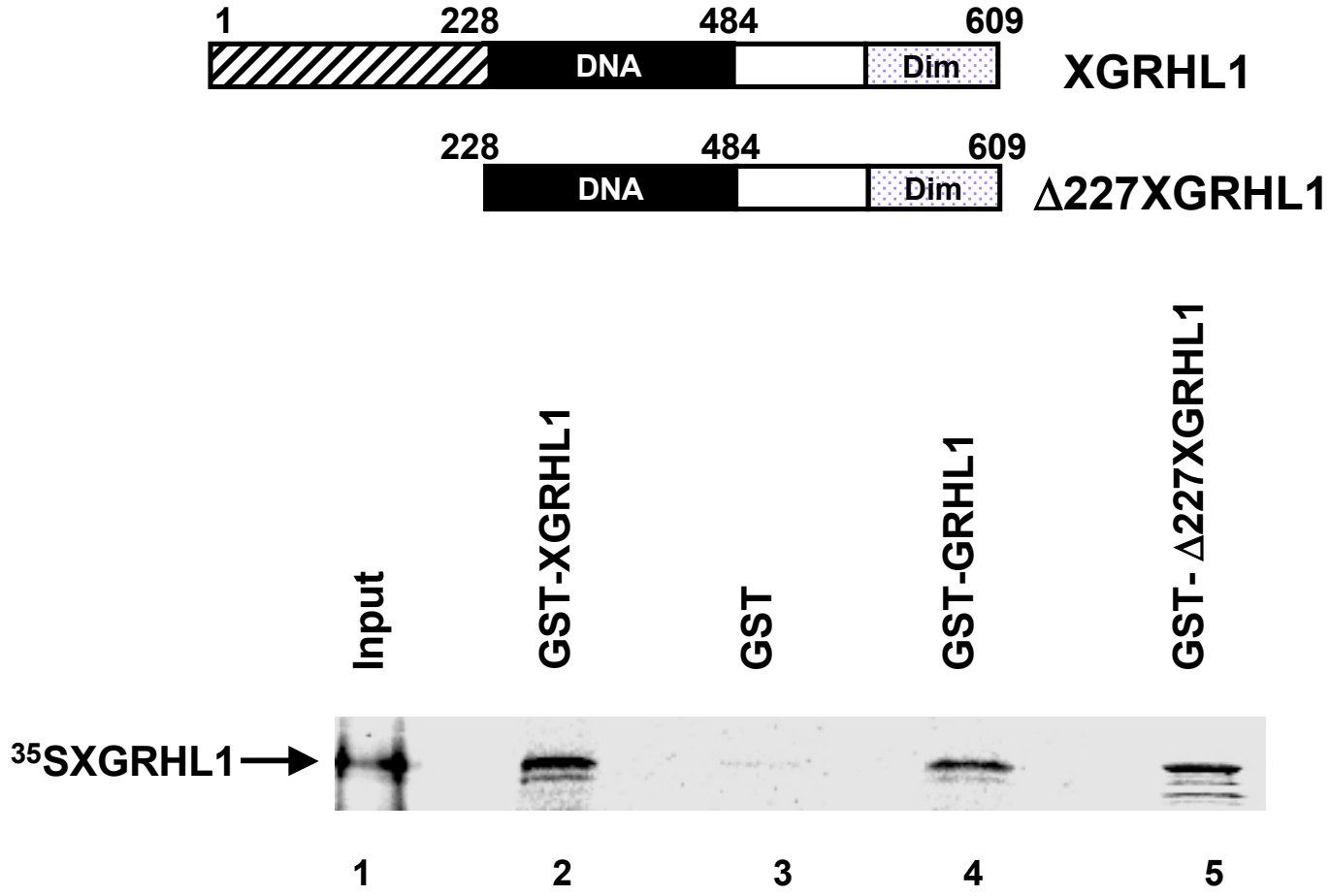
A.



Supplementary Figure 2
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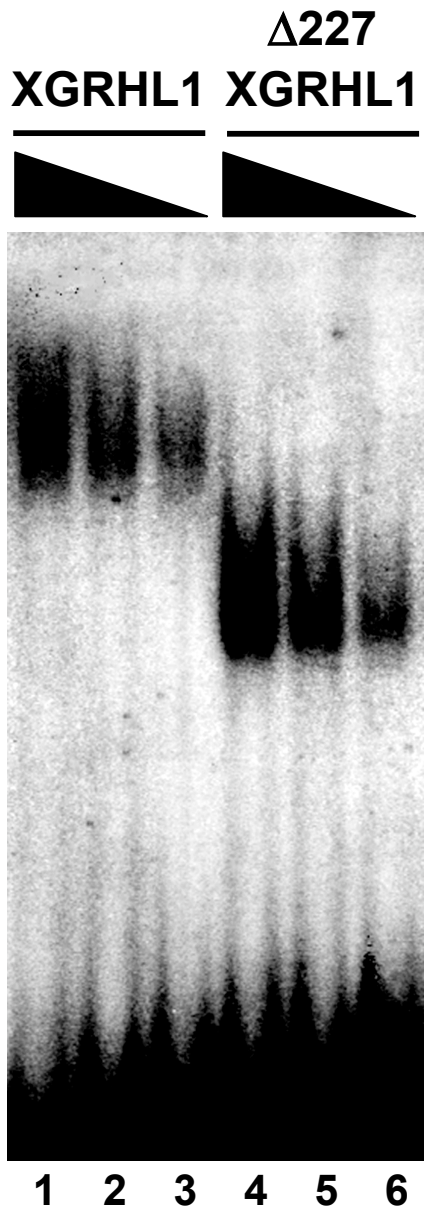
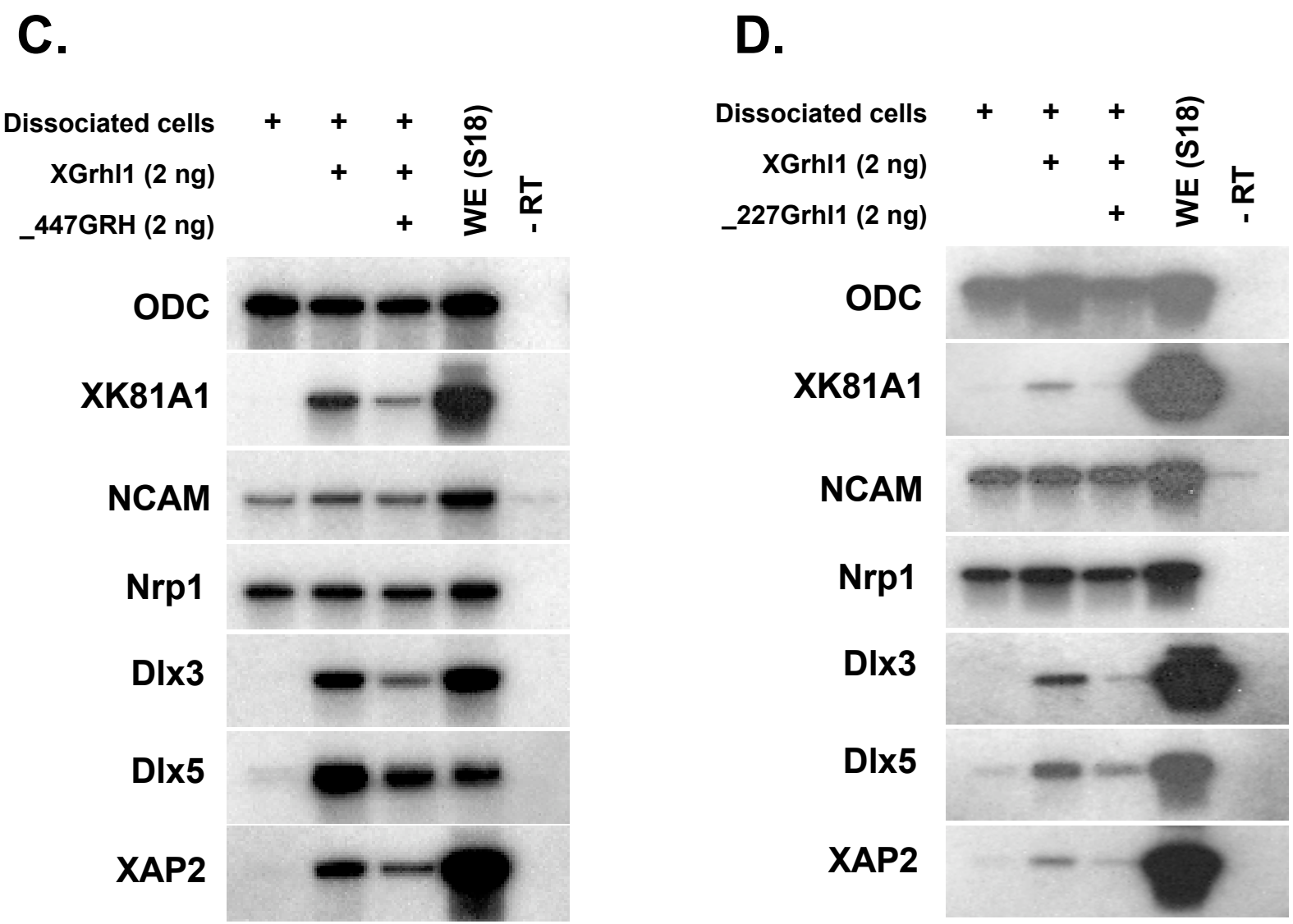
B.



Supplementary Figure 2
Tao et al.



Supplementary Figure 2
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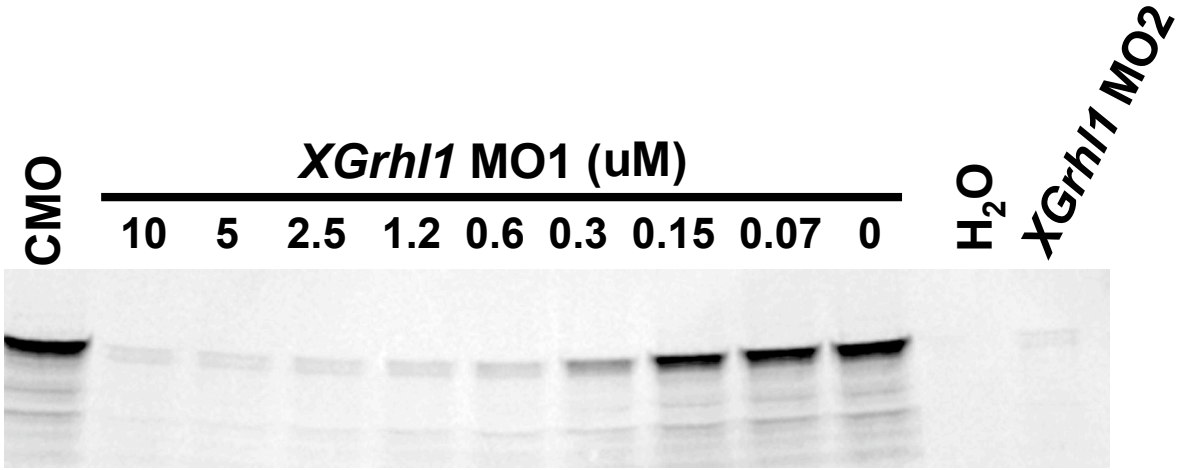
A.

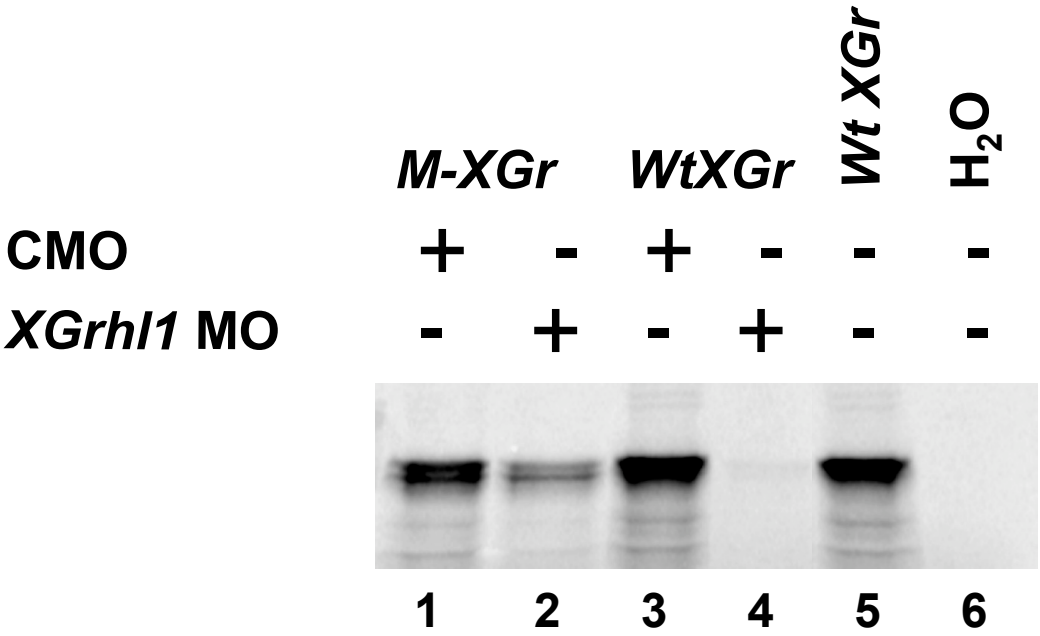


B.

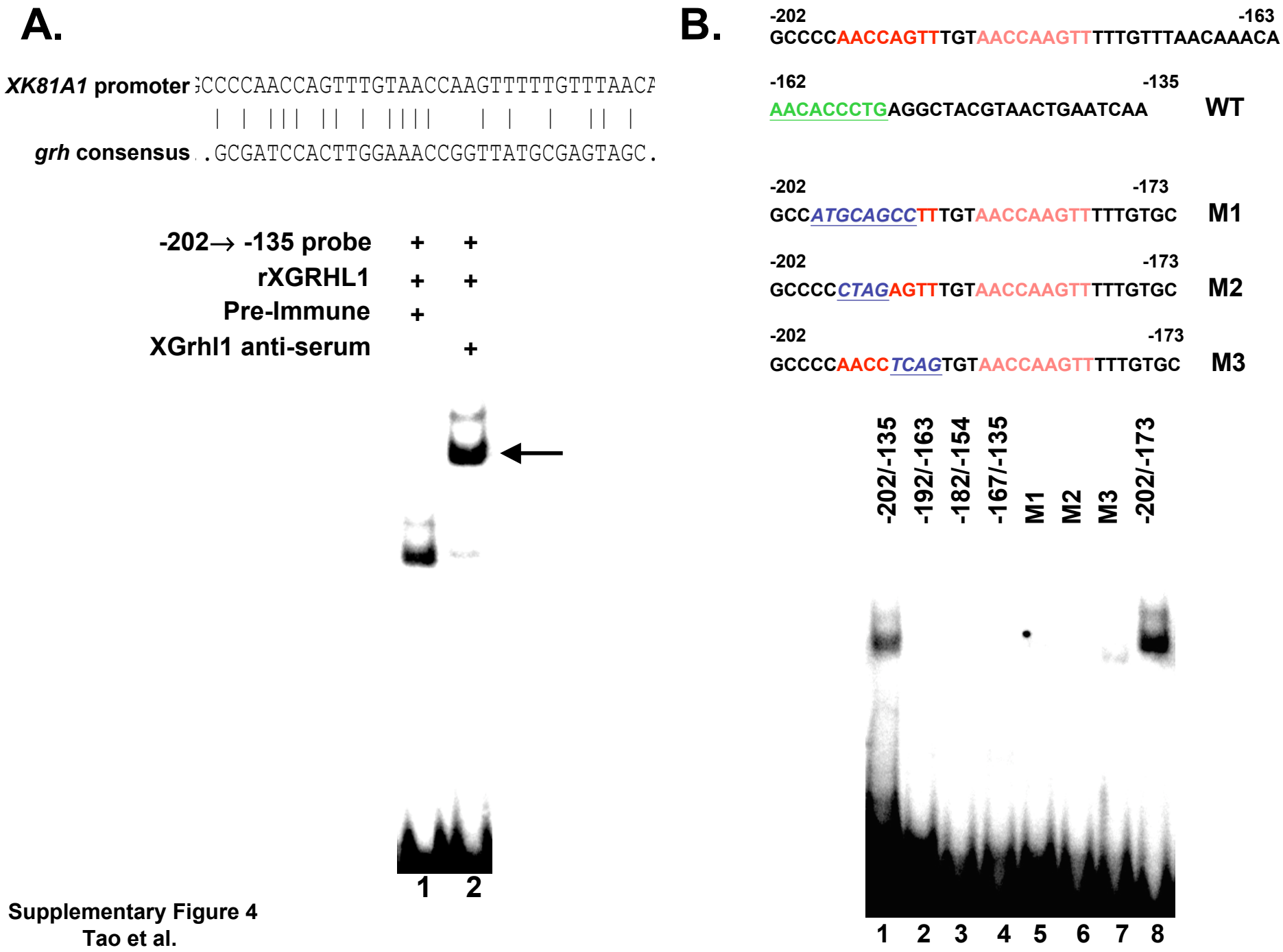
Wt XGrhl1 mRNA AUGACACAAGACUACGACAAUAAAC

M- XGrhl1 mRNA AUGACACAGGAUUAUGAUAACAAGC

M T Q D Y D N K

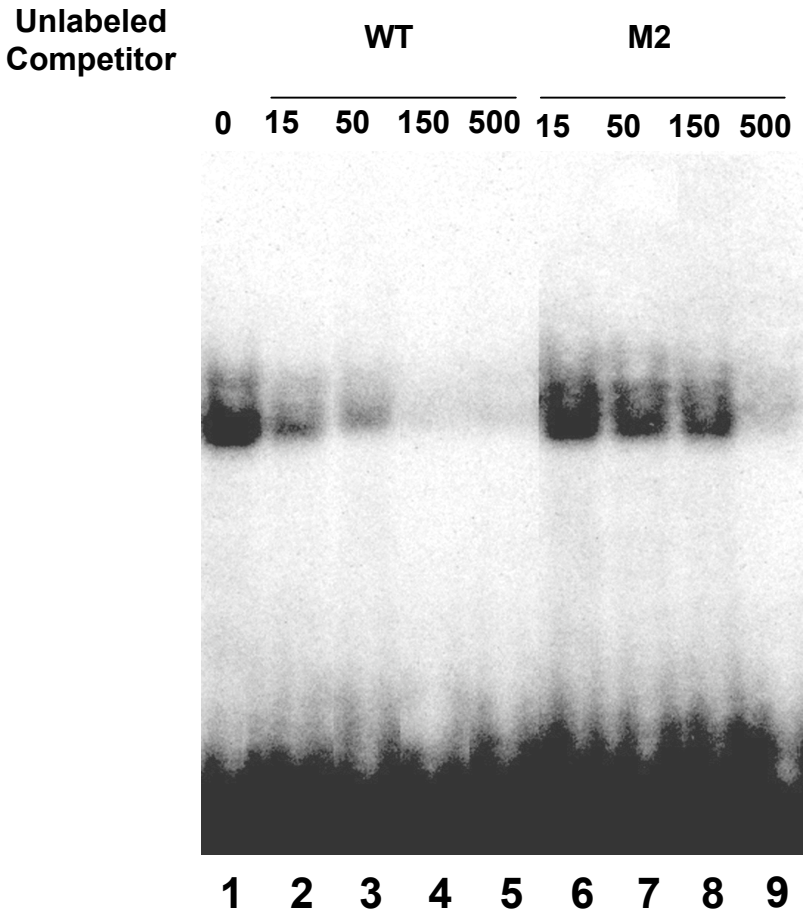


Supplementary Figure 3
Tao et al.



Supplementary Figure 4
Tao et al.

C.



Supplementary Figure 4
Tao et al.