

Table 1 Primers used for the construction of the reporter vector and validation of the DNA-binding specificity

Primers	Sequence ^a	Comments
Rpb-f	5'TAGAGGATCCTTGTGGAAGATCTTCGACAAC 3'	For cloning reporter gene
Rpb-r	5'GAACCTCGAGTTATTTGCCAACTACCTTAGTGATCTCG3'	
NXcm-f	5'GATAGGATCCAGGGATAGGGTGGATGGAAATTCCTAGTAAA3'	For engineering XcmI Cassette
NXcm-r	5'GGTAGGATCCAGGGATAGGGTGGTTAGACTTTTTTGTAAACA3'	
Rv3133cf	5'ACGGAATTCAGGTGGTAAAGGTCTTCTTGGTCGA3'	For cloning Rv3133c
Rv3133cr	5'ATATCTAGATCATGGTCCATCACCGGTGGCCGC3'	
Rv3133△Cf	5' ACGGAATTCAGGTGGTAAAGGTCTTCTTGGTCGA3'	For cloning Rv3133△C
Rv3133△Cr	5' ATATCTAGATGCTTCTCGGCGGCACCGCGCAGCT3'	

a, The sites for restriction enzymes are indicated by heavy words or are underlined.