

Supplement data: K_d values for different truncated (Δ) variants. The highlights show the primer regions. The K_d values were obtained using ELONA. The sequences showed no detectable binding were indicated as ND.

Variant	K_d (pM)	Sequence
R15C19 (full sequence)	174 ± 27	AAGCATCCGCTGGTTGACTGTAGCTCTGGCAGACGTAGTGTGAAGGTACCAGCTATTGGGATCTTGGACCCTGCGAA
$\Delta(18\text{at}3')$	81 ± 13	AAGCATCCGCTGGTTGACTGTAGCTCTGGCAGACGTAGTGTGAAGGTACCAGCTATTGG
$\Delta(26\text{at}3')$	86 ± 8	AAGCATCCGCTGGTTGACTGTAGCTCTGGCAGACGTAGTGTGAAGGTACCA
$\Delta(27\text{at}3')$	102 ± 14	AAGCATCCGCTGGTTGACTGTAGCTCTGGCAGACGTAGTGTGAAGGTACC
$\Delta(29\text{at}3')$	$(4.7 \pm 0.3) \times 10^3$	AAGCATCCGCTGGTTGACTGTAGCTCTGGCAGACGTAGTGTGAAGGTA
$\Delta(35\text{at}3')$	$(12.2 \pm 2.4) \times 10^3$	AAGCATCCGCTGGTTGACTGTAGCTCTGGCAGACGTAGTGTG
$\Delta(18\text{at}5')$	ND	TGTAGCTCTGGCAGACGTAGTGTGAAGGTACCAGCTATTGGGATCTTGGACCCTGCGAA
$\Delta(17\text{at}5')$	ND	GTGTAGCTCTGGCAGACGTAGTGTGAAGGTACCAGCTATTGGGATCTTGGACCCTGCGAA
$\Delta(15\text{at}5')$	ND	GACTGTAGCTCTGGCAGACGTAGTGTGAAGGTACCAGCTATTGGGATCTTGGACCCTGCGAA
$\Delta(13\text{at}5')$	$(68.8 \pm 4.4) \times 10^3$	TTGACTGTAGCTCTGGCAGACGTAGTGTGAAGGTACCAGCTATTGGGATCTTGGACCCTGCGAA
$\Delta(11\text{at}5')$	285 ± 35	GGTTGACTGTAGCTCTGGCAGACGTAGTGTGAAGGTACCAGCTATTGGGATCTTGGACCCTGCGAA
$\Delta(9\text{at}5')$	164 ± 25	CTGGTTGACTGTAGCTCTGGCAGACGTAGTGTGAAGGTACCAGCTATTGGGATCTTGGACCCTGCGAA
$\Delta(12\text{at}5')\Delta(27\text{at}3')$	247 ± 13	GTTGACTGTAGCTCTGGCAGACGTAGTGTGAAGGTACC
$\Delta(12\text{at}5')\Delta(28\text{at}3')$	225 ± 12	GTTGACTGTAGCTCTGGCAGACGTAGTGTGAAGGTAC
$\Delta(11\text{at}5')\Delta(27\text{at}3')$	14 ± 1	GGTTGACTGTAGCTCTGGCAGACGTAGTGTGAAGGTACC
$\Delta(11\text{at}5')\Delta(28\text{at}3')$	142 ± 6	GGTTGACTGTAGCTCTGGCAGACGTAGTGTGAAGGTAC
$\Delta(9\text{at}5')\Delta(27\text{at}3')$	23 ± 4	CTGGTTGACTGTAGCTCTGGCAGACGTAGTGTGAAGGTACC