

# Additional File 3. Nucleotide sequences of the CRISPR/Cas target region in HD11 IL4I1+/+ cells and IL4I1-/- clones.

cells	1301					mutation
HD11 IL4I1 <sup>+/+</sup>	T A C T G G G A C T	C G C C A G C G - C	C A A G A G G T T C	T C G T G C T T C C	C T G A G T A T T G	
	T A C T G G G A C T	C G C C A G C G - C	C A A G A G G T T C	T C G T G C T T C C	C T G A G T A T T G	
clone #11	T A C T G G G A C T	C G C C A G C G <b>C</b> C	C A A G A G G T T C	T C G T G C T T C C	C T G A G T A T T G	frameshift insertion
	T A C T G G G A C T	C G C C A G C G - C	-----	-----	----- T A T T G	frameshift deletion
clone #26	T A C T G G G A C T	C G C C A - - G - C	C A A G A G G T T C	T C G T G C T T C C	C T G A G T A T T G	frameshift deletion
	T A C T G G G A C T	C G C C A - - - - -	-----	----- <b>C</b> G C T T C C	C T G A G T A T T G	frameshift deletion, substitution
clone #85	T A C T G G G A C T	C - - - - - - - -	-----	-----	----- <b>G</b>	frameshift deletion
	T A C T G G G A C T	C G C C A G C G <b>C</b> C	C A A G A G G T T C	T C G T G C T T C C	C T G A G T A T T G	frameshift insertion