## Supporting Fig. S13. Alignment comparing the amino acid sequences of the D2 and Q1SX chimeras, highlighting the Lci3 repeats missing from Q1SX.

The repeats found in D2, but missing from Q1SX are boxed

Q1SX D2	MAKKLLFAIP MR	LVVPFYSHTV GSHHHHHHGV	ASMTGGQQMG ASMTGGQQMG	ROTADDDDKD	MISARS RWGSEL <mark>SAR</mark> S	QARREAEEQA QARREAEEQA	RRVAEEQARR RRVAEEQARR	EAEEQARREV EAEEQARREV	67 72
Q1SX D2					LEEKLRGSEV LEEKLRGSEV				
Q1SX D2	_				eklrgseera eklrgseera				
Q1SX D2					QKAQEDGERQ				
Q1SX D2					KADNRQLASD				
Q1SX D2					GARADEPELA GARADEPELA			_	
Q1SX D2					KLRENSDLMV KLRENSDLMV				
Q1SX D2					DKKQVVTRHT DKKQVVTRHT				
Q1SX D2	HVPGDNIKQV HVPGDNIKQV	_	H 552 651						