

	Position	Sequence
A	864	GEL YD GVMARV
	1055	SLL YD NVVMARV
	1233	RAQYD PIL REA
	1500	YFYD PNVGIF
	1909	GRYD NKNKVL
	2039	RFDYD FYIFPG
	2227	RAFYD VGKERM
	2260	AFYD ADNAAA
B	15	ISV YD NRGL I
	45	RHQYD VR GHLS
	98	VAL NDIEGRQV
	169	VR HYD TAG V TQ
	225	QST F DAT GALL
	246	RLAYNVAGQLK
	294	EYRYE PETLRL
	322	RYEHD PV GNI I
	354	VYTYD SLY QLI
	400	TYDYD RG GNLA
	449	DTL F DAG GHQK
	491	WYRYGNDGMRQ
	571	RYSYD NLIGSS
	669	ITL YD ND GLAP

Consensus: RYxYDxxGRL (T/I)

Supplementary Figure 1 YD-repeats in Mcf (A), and TccC4 (B) belonging to the Tcc family. Eight and 14 putative YD-repeats were identified, respectively. Numbers indicate the position of the first residue of the motif.