

H1.1	→	$\underline{\text{E}}(\text{NR}_c)-\underline{\text{S}}(\text{NR}_p)-\underline{\text{G}}(\text{NR}_p)-\underline{\text{A}}(\text{NR}_h)-\underline{\text{S}}(\text{NR}_p)-\underline{\text{G}}(\text{NR}_p)$	→	<i>Telomeric repeat binding factor 1</i> $\underline{\text{V}}(\text{NR}_h)-\underline{\text{L}}(\text{NR}_h)-\underline{\text{M}}(\text{NR}_h)-\underline{\text{K}}(\text{NR}_c)-\underline{\text{D}}(\text{NR}_c)-\underline{\text{R}}(\text{NR}_c)$
		$\text{S}(\text{NR}_p)-\underline{\text{G}}(\text{NR}_p)-\underline{\text{A}}(\text{NR}_h)-\underline{\text{S}}(\text{NR}_p)$	→	<i>Transcriptional repressor CTCFL</i> $\text{T}(\text{NR}_p)-\underline{\text{S}}(\text{NR}_p)-\underline{\text{H}}(\text{NR}_c)-\underline{\text{T}}(\text{NR}_p)-\underline{\text{E}}(\text{NR}_c)-\underline{\text{K}}(\text{NR}_c)$
		$\underline{\text{K}}(\text{NR}_c)-\underline{\text{L}}(\text{NR}_h)-\underline{\text{A}}(\text{NR}_h)-\underline{\text{R}}(\text{NR}_c)-\underline{\text{T}}(\text{NR}_p)-\underline{\text{G}}(\text{NR}_p)-\underline{\text{A}}(\text{NR}_h)-\underline{\text{S}}(\text{NR}_p)$	→	<i>Telomeric repeat binding factor 2-interacting protein</i> $\underline{\text{L}}(\text{NR}_h)-\underline{\text{D}}(\text{NR}_c)-\underline{\text{R}}(\text{NR}_c)-\underline{\text{Y}}(\text{NR}_p)$
		$\underline{\text{K}}(\text{NR}_c)-\underline{\text{R}}(\text{NR}_c)-\underline{\text{R}}(\text{NR}_c)-\underline{\text{G}}(\text{NR}_p)-\underline{\text{A}}(\text{NR}_h)-\underline{\text{S}}(\text{NR}_p)-\underline{\text{G}}(\text{NR}_p)$	→	<i>Histone-lysine N-methyltransferase NSD3</i> $\text{T}(\text{NR}_p)-\underline{\text{E}}(\text{NR}_c)-\underline{\text{Y}}(\text{NR}_p)$
H1.2	→	$\text{K}(\text{NR}_c)-\underline{\text{S}}(\text{NR}_p)-\underline{\text{R}}(\text{NR}_c)-\underline{\text{G}}(\text{NR}_p)-\underline{\text{A}}(\text{NR}_h)-\underline{\text{S}}(\text{NR}_p)-\underline{\text{G}}(\text{NR}_p)$	→	<i>Coagulation factor X</i> $\underline{\text{N}}(\text{NR}_p)-\underline{\text{E}}(\text{NR}_c)-\underline{\text{R}}(\text{NR}_c)-\underline{\text{Y}}(\text{NR}_p)-\underline{\text{Y}}(\text{NR}_p)-\underline{\text{E}}(\text{NR}_c)$
		$\text{K}(\text{NR}_c)-\underline{\text{R}}(\text{NR}_c)-\underline{\text{R}}(\text{NR}_c)-\underline{\text{A}}(\text{NR}_h)-\underline{\text{S}}(\text{NR}_p)$	→	<i>Casein kinase II subunit alpha'</i> $\text{T}(\text{NR}_p)-\underline{\text{S}}(\text{NR}_p)-\underline{\text{H}}(\text{NR}_c)-\underline{\text{T}}(\text{NR}_p)-\underline{\text{E}}(\text{NR}_c)-\underline{\text{K}}(\text{NR}_c)$
H1.4	→	$\text{K}(\text{NR}_c)-\underline{\text{E}}(\text{NR}_c)-\underline{\text{R}}(\text{NR}_c)-\underline{\text{S}}(\text{NR}_p)-\underline{\text{R}}(\text{NR}_c)-\underline{\text{G}}(\text{NR}_p)-\underline{\text{A}}(\text{NR}_h)-\underline{\text{S}}(\text{NR}_p)$	→	<i>Chromobox protein homolog 3</i> $\underline{\text{L}}(\text{NR}_h)-\underline{\text{R}}(\text{NR}_c)-\underline{\text{R}}(\text{NR}_c)-\underline{\text{R}}(\text{NR}_c)-\underline{\text{Y}}(\text{NR}_p)-\underline{\text{R}}(\text{NR}_c)$
		$\text{K}(\text{NR}_c)-\underline{\text{E}}(\text{NR}_c)-\underline{\text{R}}(\text{NR}_c)-\underline{\text{S}}(\text{NR}_p)-\underline{\text{R}}(\text{NR}_c)-\underline{\text{G}}(\text{NR}_p)-\underline{\text{A}}(\text{NR}_h)-\underline{\text{S}}(\text{NR}_p)$	→	<i>Cytoplasmic protein NCK1</i> $\underline{\text{K}}(\text{NR}_c)-\underline{\text{H}}(\text{NR}_c)-\underline{\text{R}}(\text{NR}_c)-\underline{\text{T}}(\text{NR}_p)$
		$\text{K}(\text{NR}_c)-\underline{\text{R}}(\text{NR}_c)-\underline{\text{S}}(\text{NR}_p)-\underline{\text{R}}(\text{NR}_c)-\underline{\text{A}}(\text{NR}_h)-\underline{\text{S}}(\text{NR}_p)$	→	<i>Vascular cell adhesion protein 1</i> $\underline{\text{E}}(\text{NR}_c)-\underline{\text{Y}}(\text{NR}_p)-\underline{\text{Y}}(\text{NR}_p)$
H1.5	→	$\text{K}(\text{NR}_c)-\underline{\text{E}}(\text{NR}_c)-\underline{\text{R}}(\text{NR}_c)-\underline{\text{N}}(\text{NR}_p)-\underline{\text{R}}(\text{NR}_c)-\underline{\text{T}}(\text{NR}_p)-\underline{\text{G}}(\text{NR}_p)-\underline{\text{A}}(\text{NR}_h)-\underline{\text{S}}(\text{NR}_p)$	→	<i>Chromobox protein homolog 5</i> $\underline{\text{K}}(\text{NR}_c)-\underline{\text{R}}(\text{NR}_c)-\underline{\text{N}}(\text{NR}_p)-\underline{\text{E}}(\text{NR}_c)$
		$\text{K}(\text{NR}_c)-\underline{\text{R}}(\text{NR}_c)-\underline{\text{N}}(\text{NR}_p)-\underline{\text{R}}(\text{NR}_c)-\underline{\text{T}}(\text{NR}_p)-\underline{\text{A}}(\text{NR}_h)-\underline{\text{S}}(\text{NR}_p)$	→	<i>Vascular cell adhesion protein 1</i> $\underline{\text{Y}}(\text{NR}_p)-\underline{\text{Y}}(\text{NR}_p)$
		$\text{K}(\text{NR}_c)-\underline{\text{R}}(\text{NR}_c)-\underline{\text{N}}(\text{NR}_p)-\underline{\text{R}}(\text{NR}_c)-\underline{\text{T}}(\text{NR}_p)-\underline{\text{A}}(\text{NR}_h)-\underline{\text{S}}(\text{NR}_p)$	→	<i>Firbonectin</i> $\underline{\text{H}}(\text{NR}_c)-\underline{\text{Y}}(\text{NR}_p)-\underline{\text{Y}}(\text{NR}_p)$

Fig. 5