

	KREL1 WT (51-469)	KREPA2 WT (1-587)
Truncations	51-454, 51-446, 51-440, 51-430, 51-420, 51-410, 51-384, 51-354 (NTD_VLR), 51-324 (NTD), $\Delta\alpha$ H3 (Δ 384-410)	Δ OB-fold (1-491), $\Delta\alpha$ H1 (Δ 146-166)
Point mutants	K87A, K441A, W442A, W442F, K443A, E444A	
Group mutants	αH3: <u>Hydrophobic residues</u> L399A + L404A + L408A <u>Positively charged residues</u> K401A + K405A + K409A <u>Negatively charged residues</u> D402A + D406A + E410A αH4: Residues KWKE (441-444) to AWAA Residues KWKE (441-444) to AAAA	αH1: <u>Hydrophobic residues</u> L153A + L161A + L164A <u>Positively charged residues</u> K158A + R163A <u>Negatively charged residues</u> E150A + E151A + D157A + E165A ZnF mutant (C61A + C64A + C410A + C413A)

Supplemental Table S1. KREL1 and KREPA2 mutations. A list of the truncations, point mutations and group mutations of KREL1 and KREPA2.