

A

GST-Linker-₁₁₄ GEAKP **KAKK**AGAA**KAKK**PAGAAKKPKKATGA₁₄₄

GST-Linker-₁₄₅ ATP**KKS**AKKTPK**KAKK**PAAAAGAK**KAKK**SPK**KAKK**AAKPKKAPKSPA₁₈₉

CI1 CI2

CI3

CI4

GST-Linker-₁₉₀ **KAKA**V**KPK**AA**KPKTAKPK**AA**KPKKA**AA**AKKK**₂₁₉

CI5

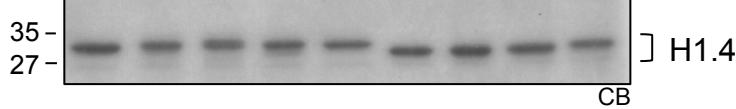
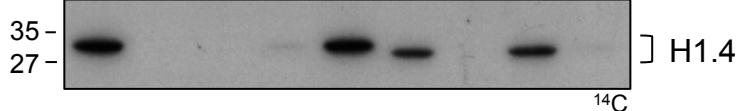
CI6

CI7

B

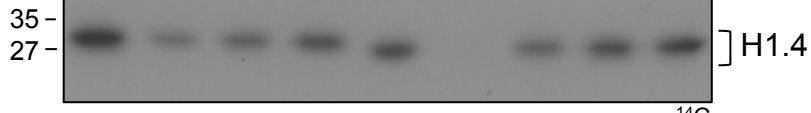
H1.4 (145-189) H1.4 (190-219)

wt CI1 CI2 CI3 CI4 wt CI5 CI6 CI7

**C**

H1.4 (145-189) H1.4 (190-219)

wt K159R K171R K177R wt K192R K197R K212R K219R

**D**

wt K159R K171R K177R K159/171R K159/177R KTR

