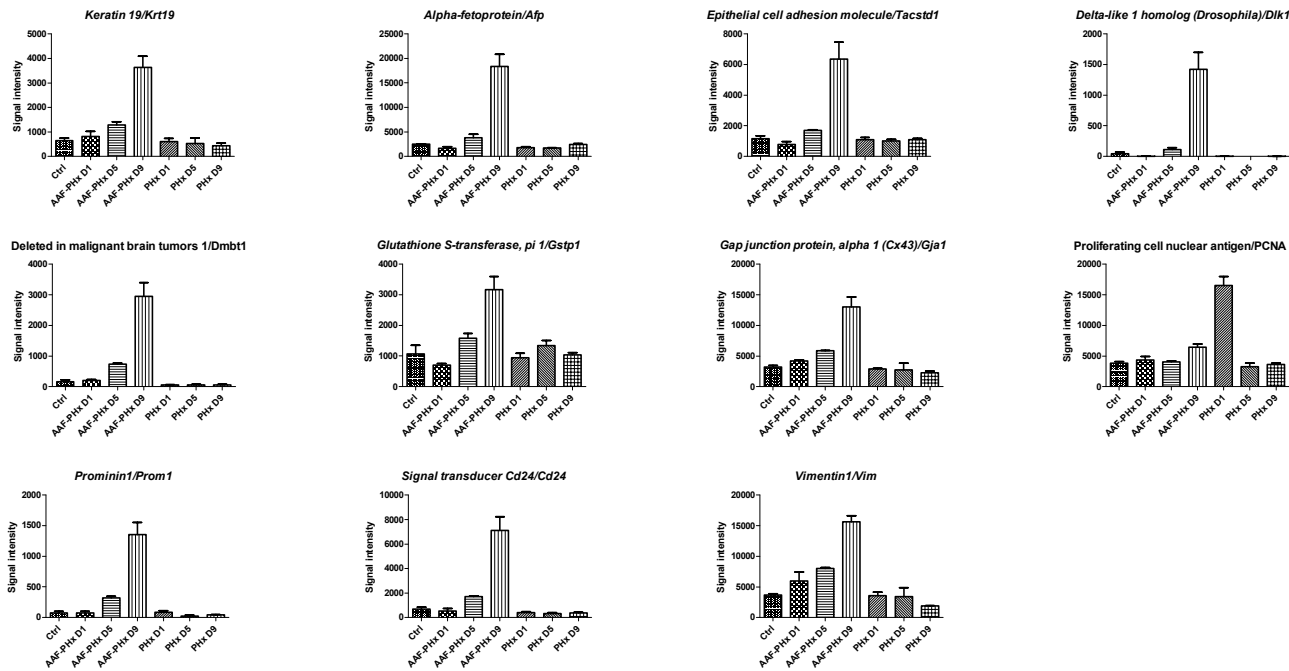
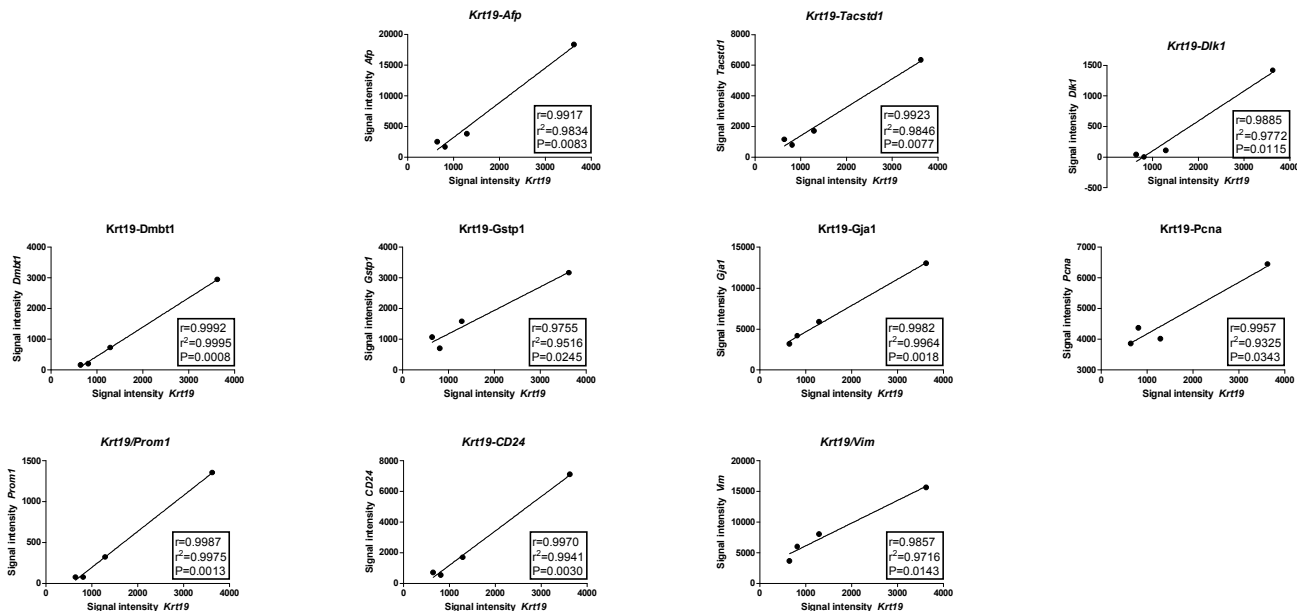


Additional File 2 Panel a

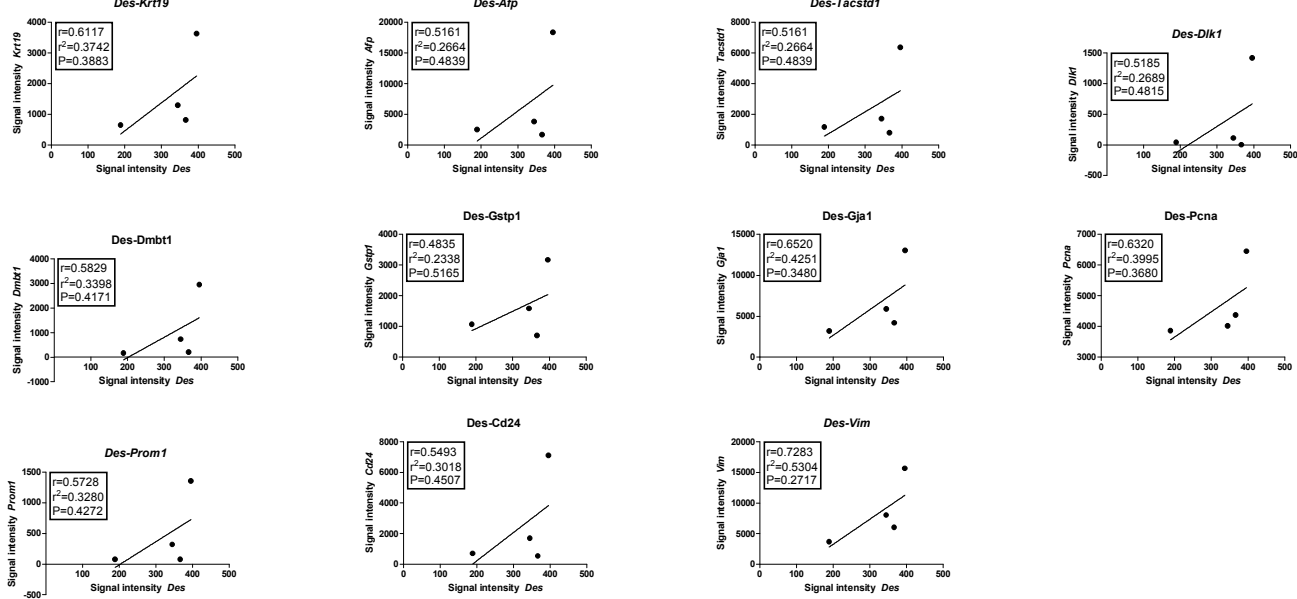
Epithelial (oval) cell markers ± SEM



Krt19 versus epithelial (oval) cell markers

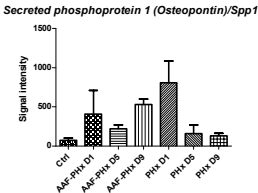
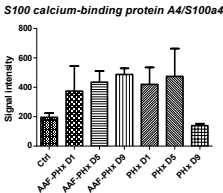
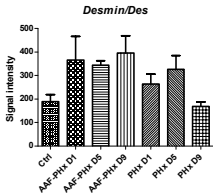


Des versus epithelial (oval) cell markers

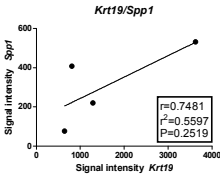
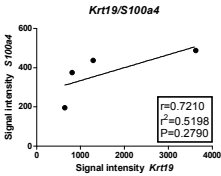
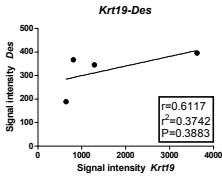


Additional File 2 Panel b

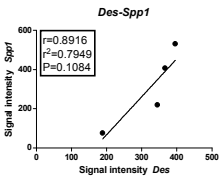
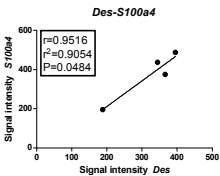
Mesenchymal cell markers ± SEM



Krt19 versus mesenchymal cell markers



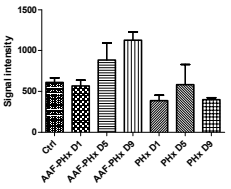
Des versus mesenchymal cell markers



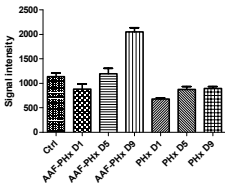
Additional File 2 Panel c

Auxiliary proteins ± SEM

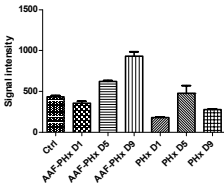
A metalloproteinase with thrombospondin type 1 motif, 1/Adams1



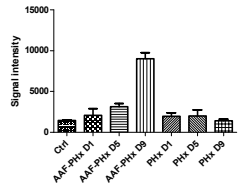
Agrin/Agrn



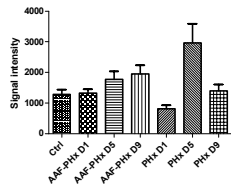
Biglycan/Bgn



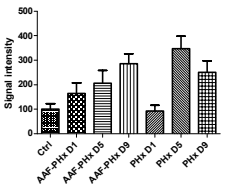
Connective tissue growth factor/Ctgf



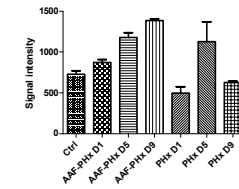
Decorin/Dcn



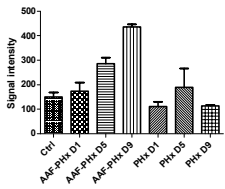
Elastin/Eln



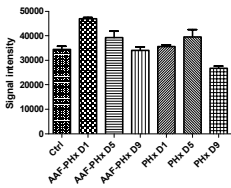
Elastin microfibril interfacer 1/Emilin1_predicted



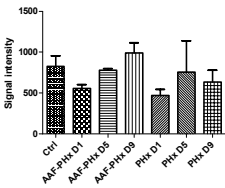
Fibrillin 1/Fbn1



Fibronectin 1/Fn1

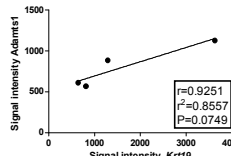


Fibulin 1/Fbln1_predicted

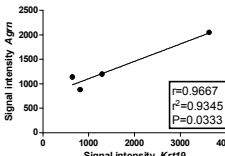


Krt19 versus auxiliary proteins

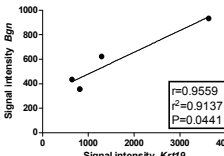
Krt19-Adams1



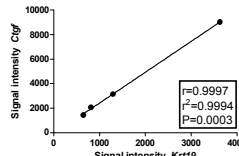
Krt19-Agrn



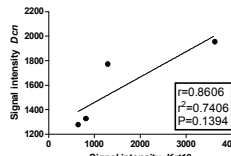
Krt19-Bgn



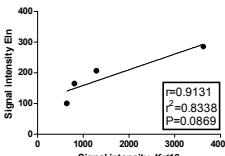
Krt19-Ctgf



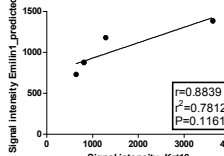
Krt19-Dcn



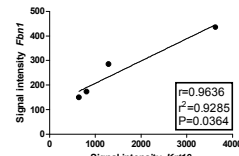
Krt19-Eln



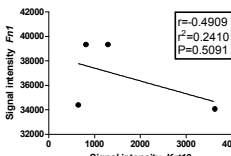
Krt19-Emilin1_predicted



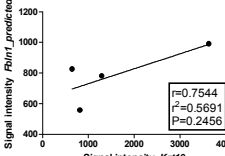
Krt19-Fbn1



Krt19-Fn1

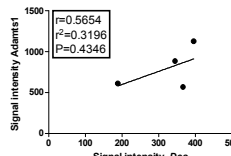


Krt19-Fbln1_predicted

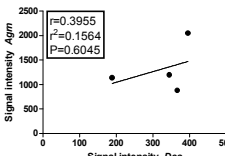


Des versus auxiliary proteins

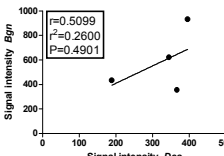
Des-Adams1



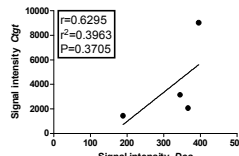
Des-Agrn



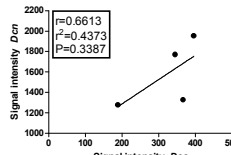
Des-Bgn



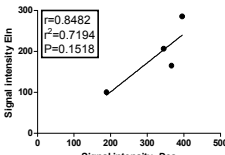
Des-Ctgf



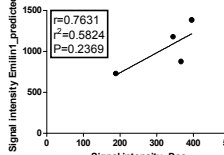
Des-Dcn



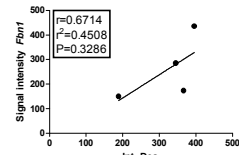
Des-Eln



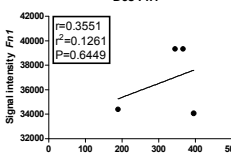
Des-Emilin1_predicted



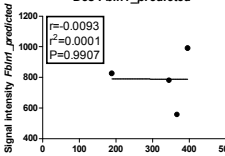
Des-Fbn1



Des-Fn1

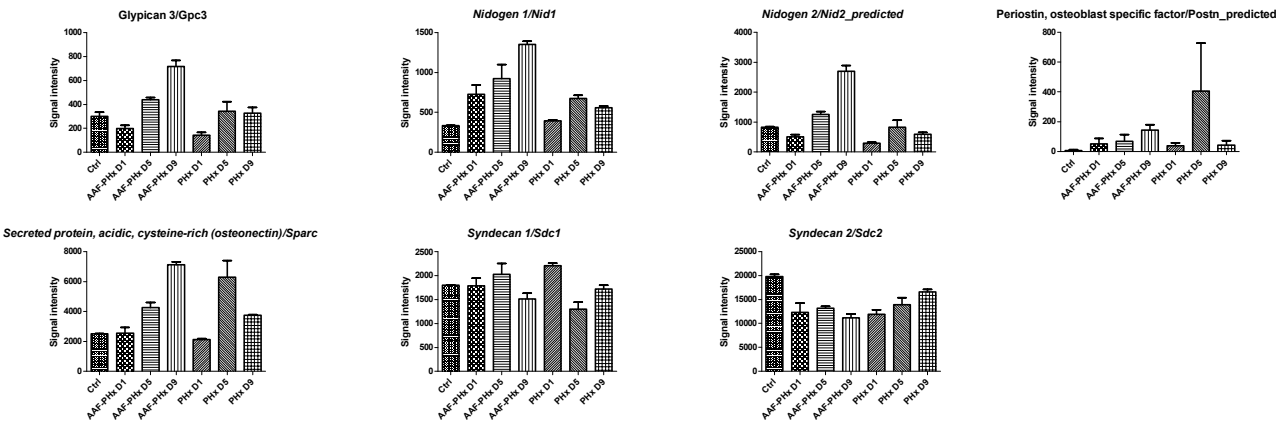


Des-Fbln1_predicted

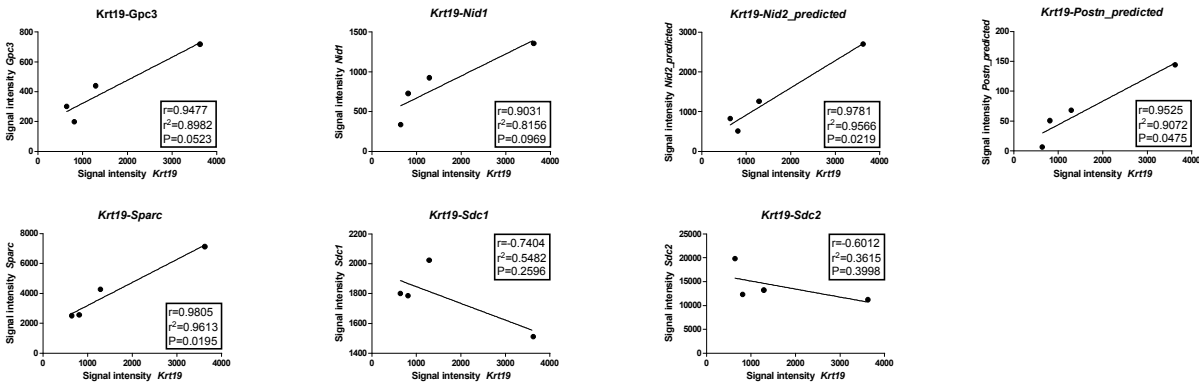


Additional File 2 Panel d

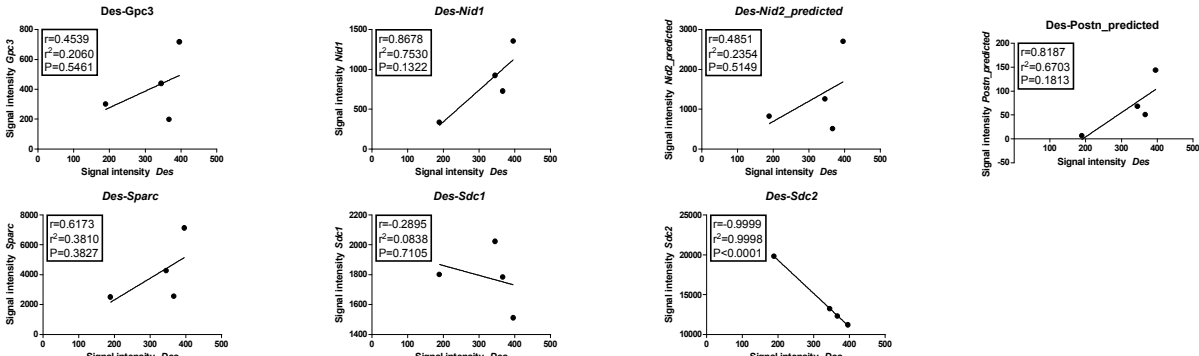
Auxiliary proteins ± SEM



Krt19 versus auxiliary proteins

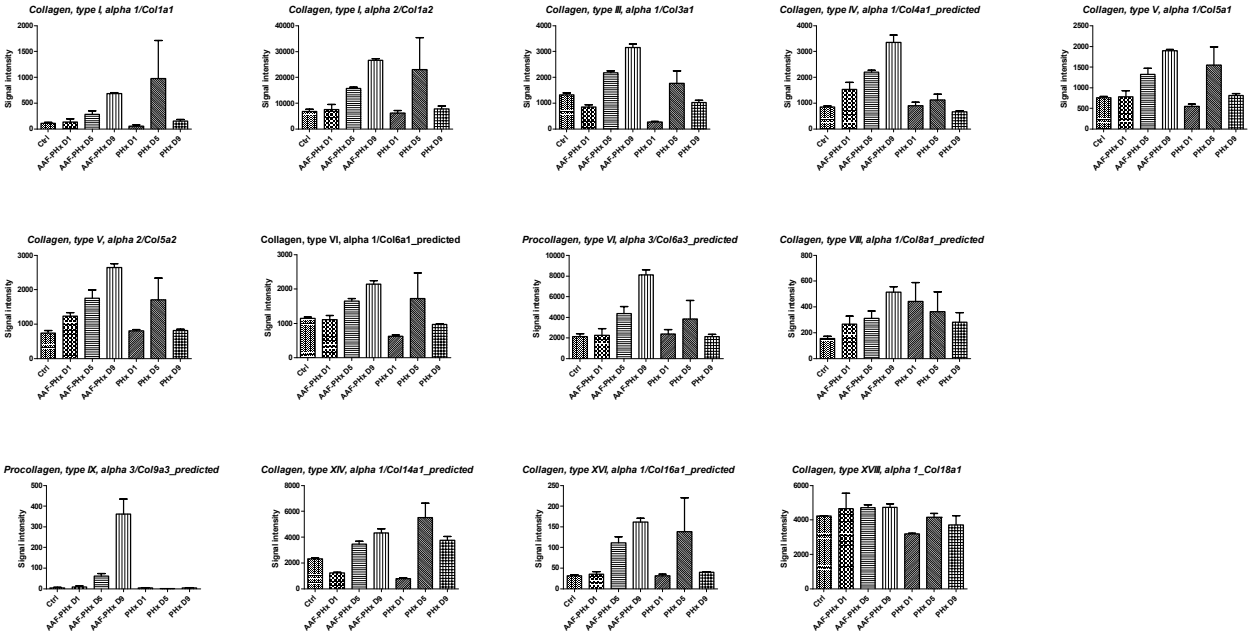


Des versus auxiliary proteins

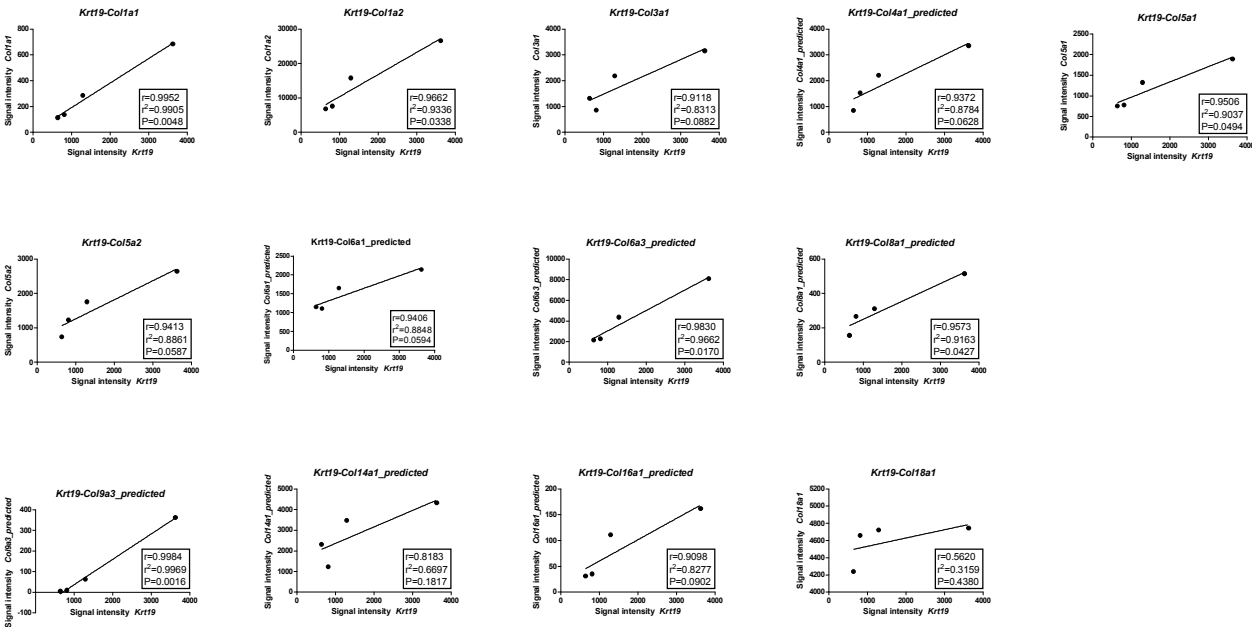


Additional File 2 Panel e

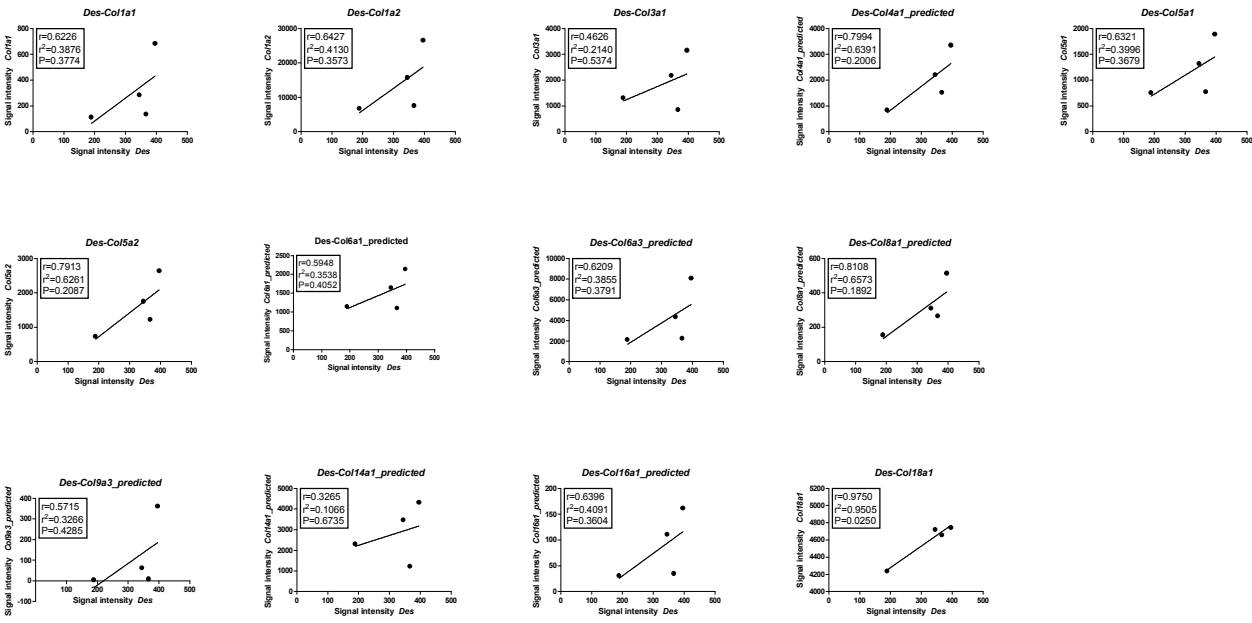
Collagens ± SEM



Krt19 versus collagens

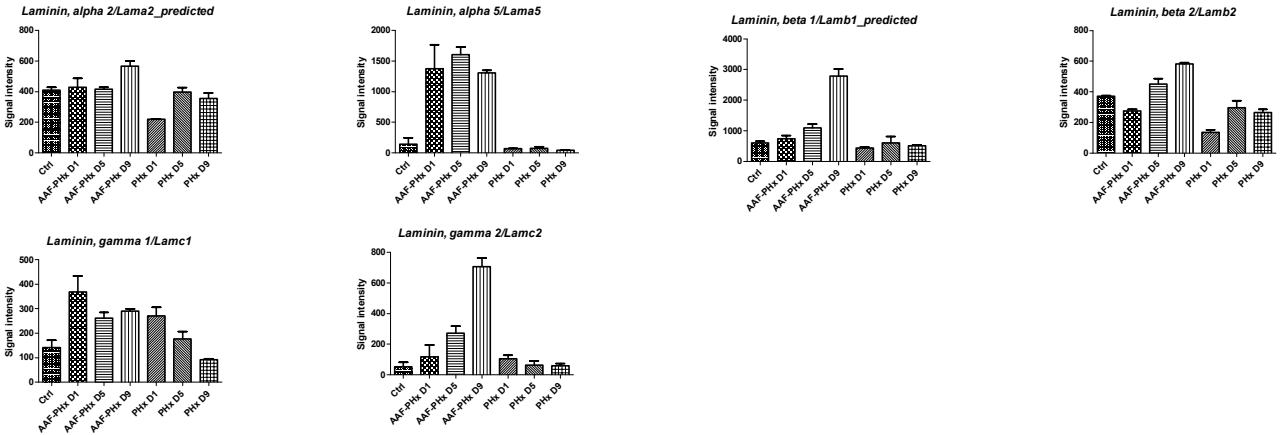


Des versus collagens

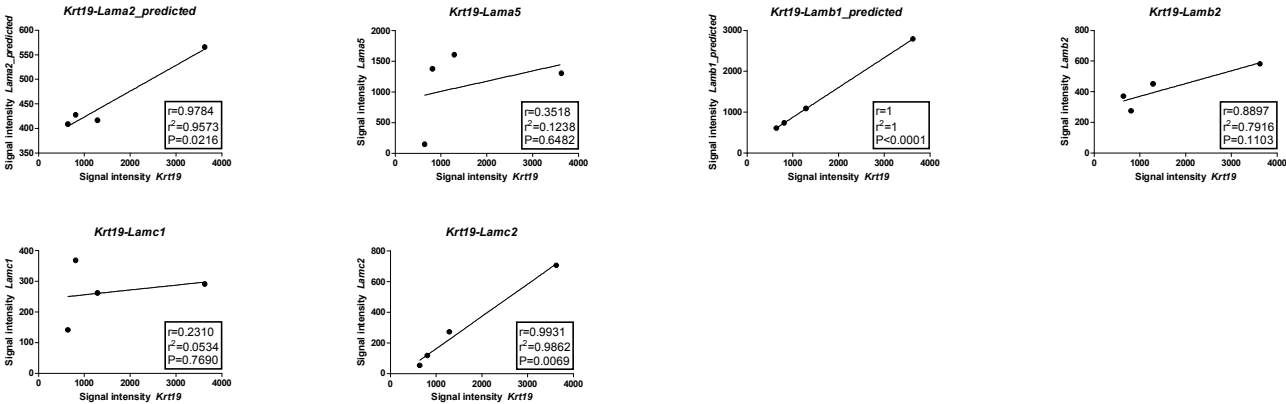


Additional File 2 Panel f

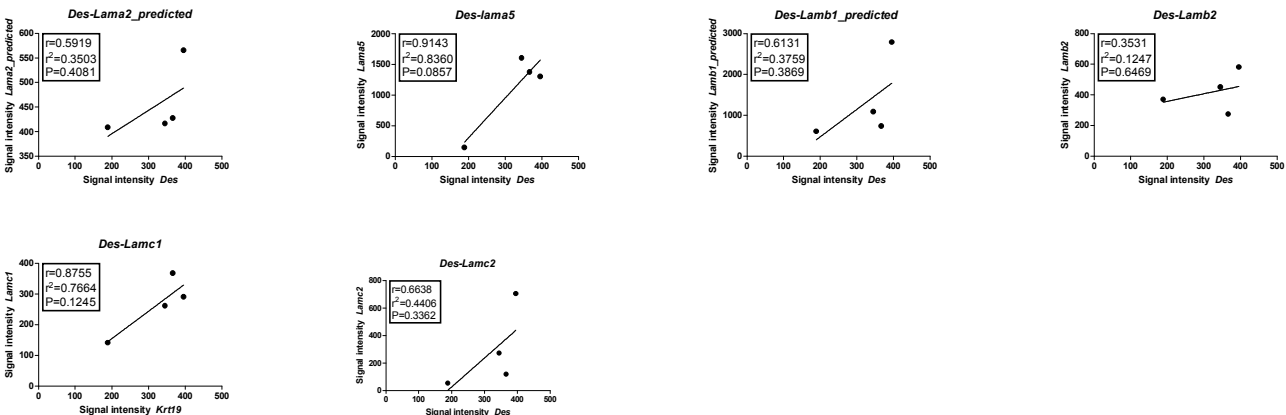
Laminins ± SEM



Krt19 versus laminins

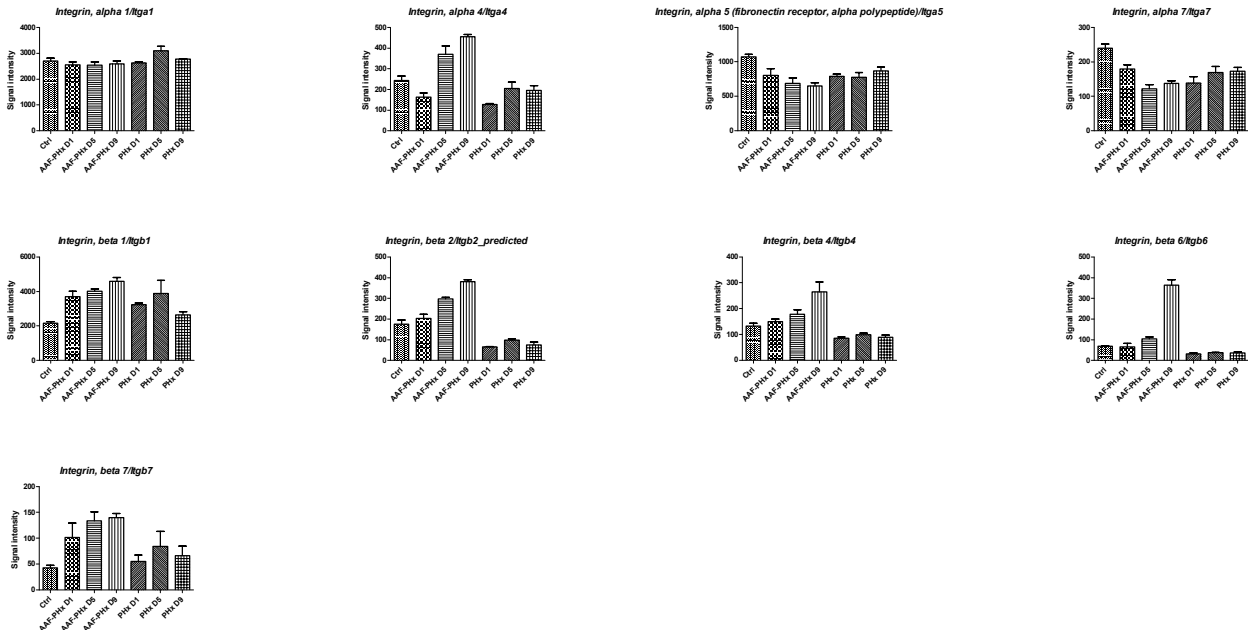


Des versus laminins

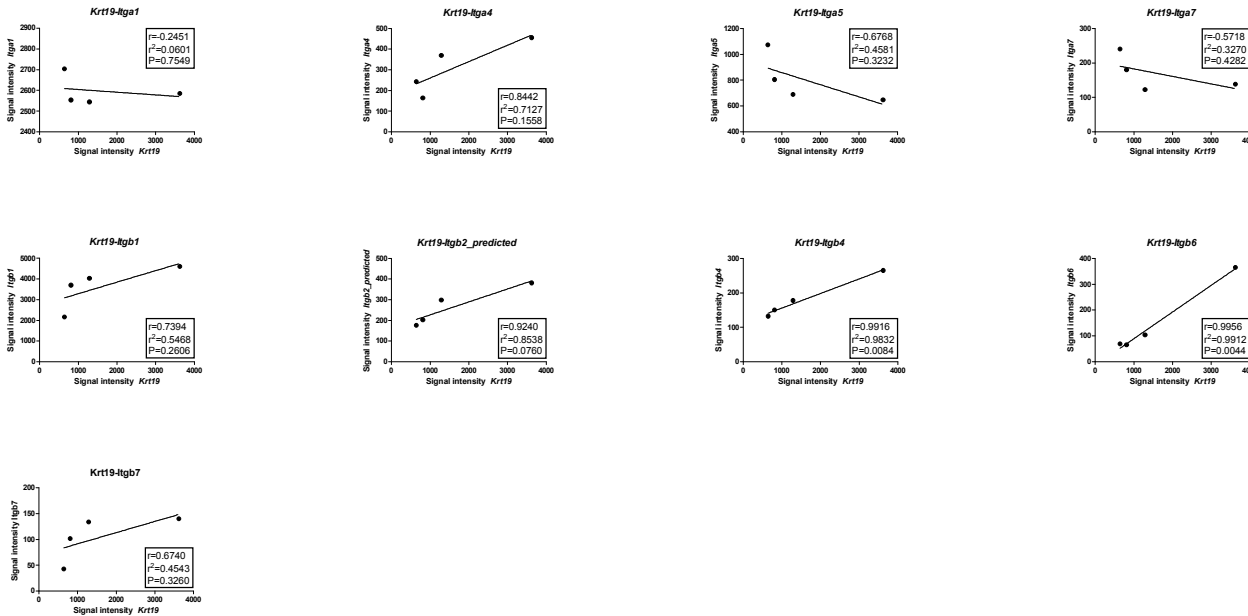


Additional File 2 Panel g

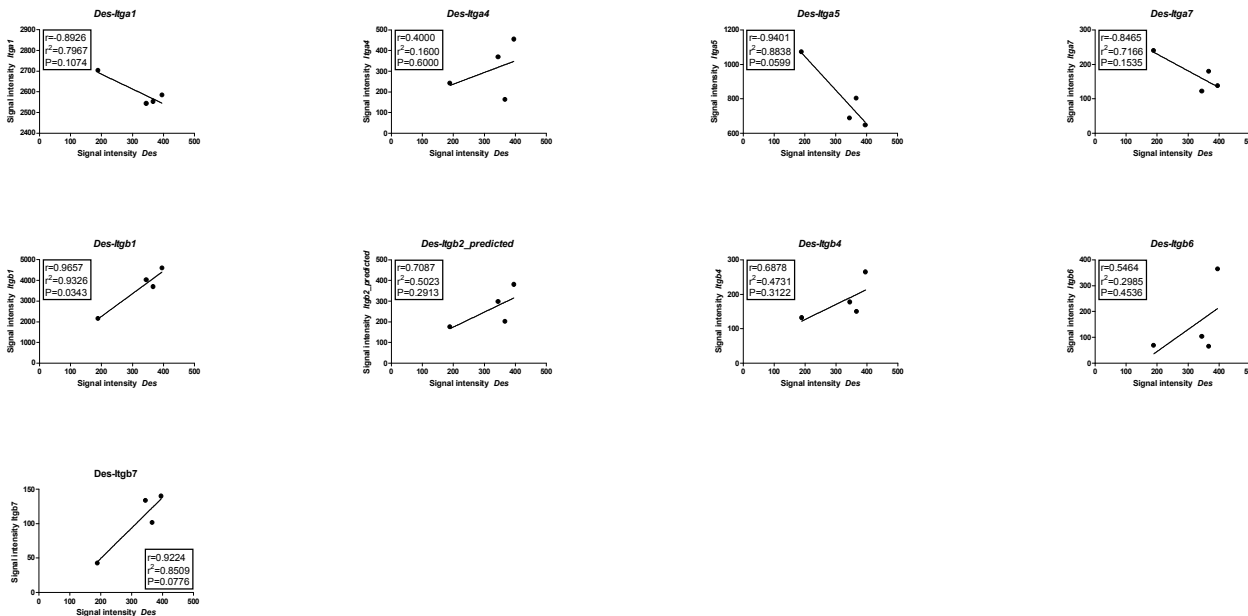
Integrins ± SEM



Krt19 versus integrins

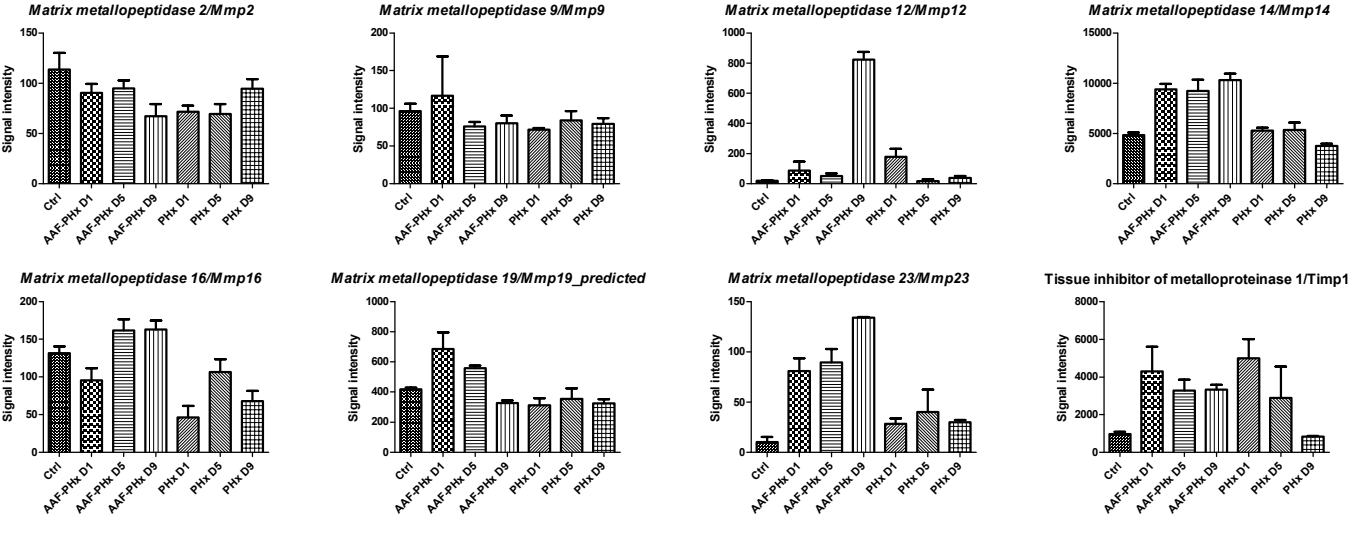


Des versus integrins

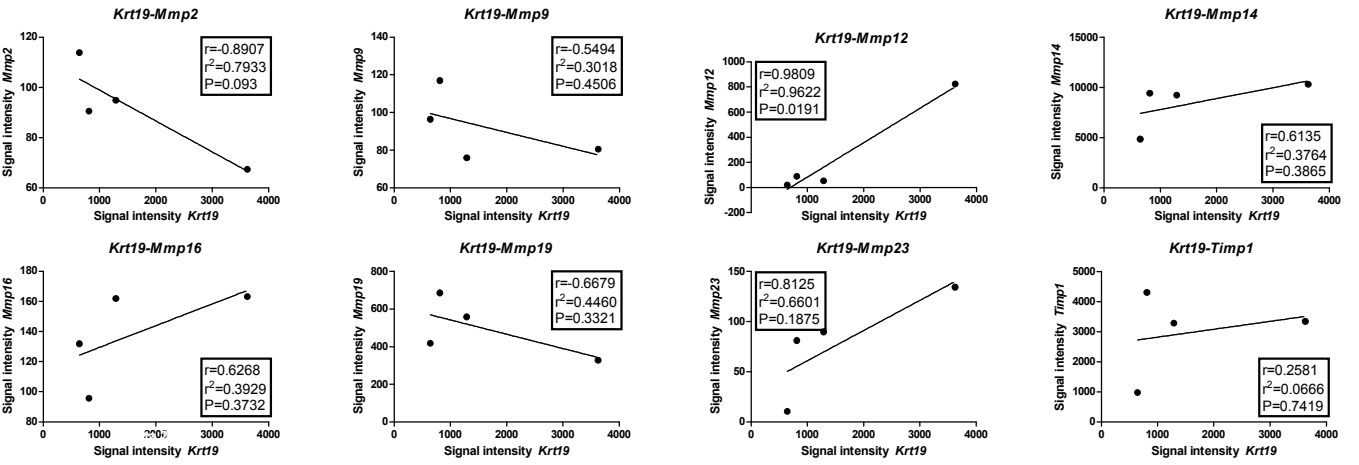


Additional File 2 Panel h

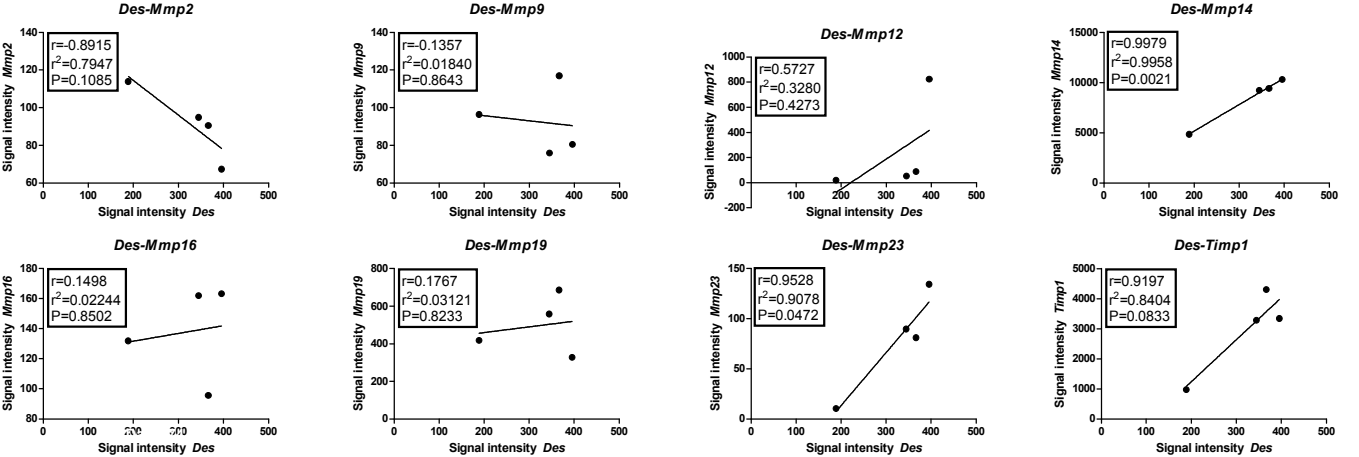
Matrix metallo peptidases and inhibitors ± SEM



Krt19 versus Matrix metallo peptidases and inhibitors

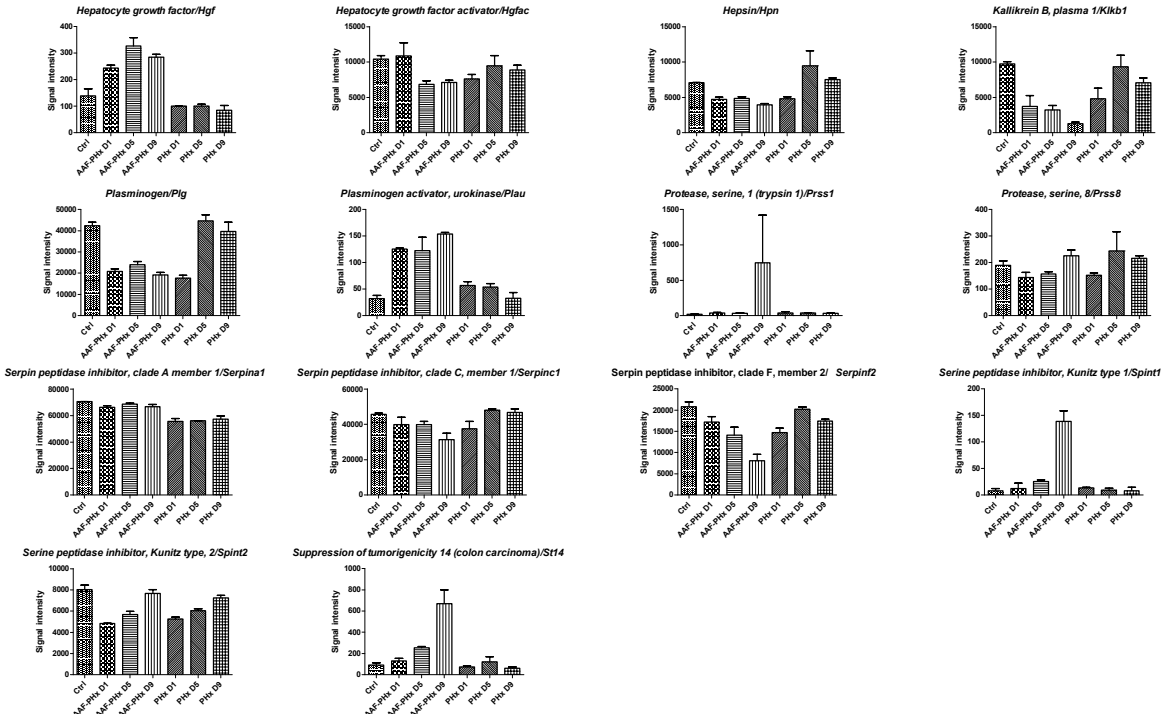


Des versus Matrix metallo peptidases and inhibitors

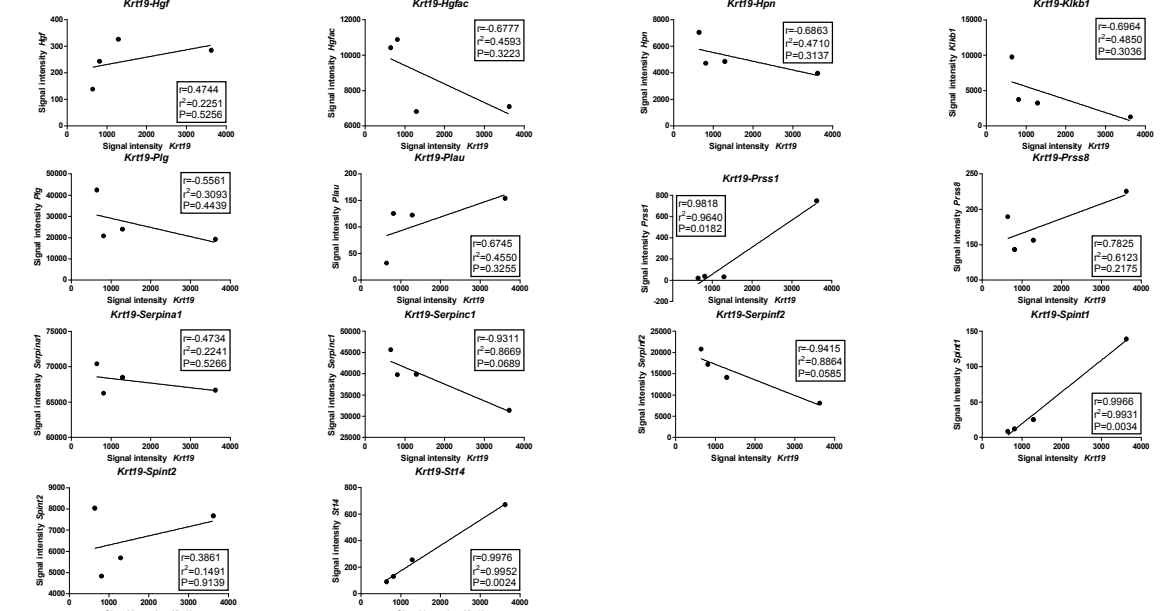


Additional File 2 Panel i

Matriptase network components ± SEM



Krt19 versus matriptase network components



Des versus matriptase network components

