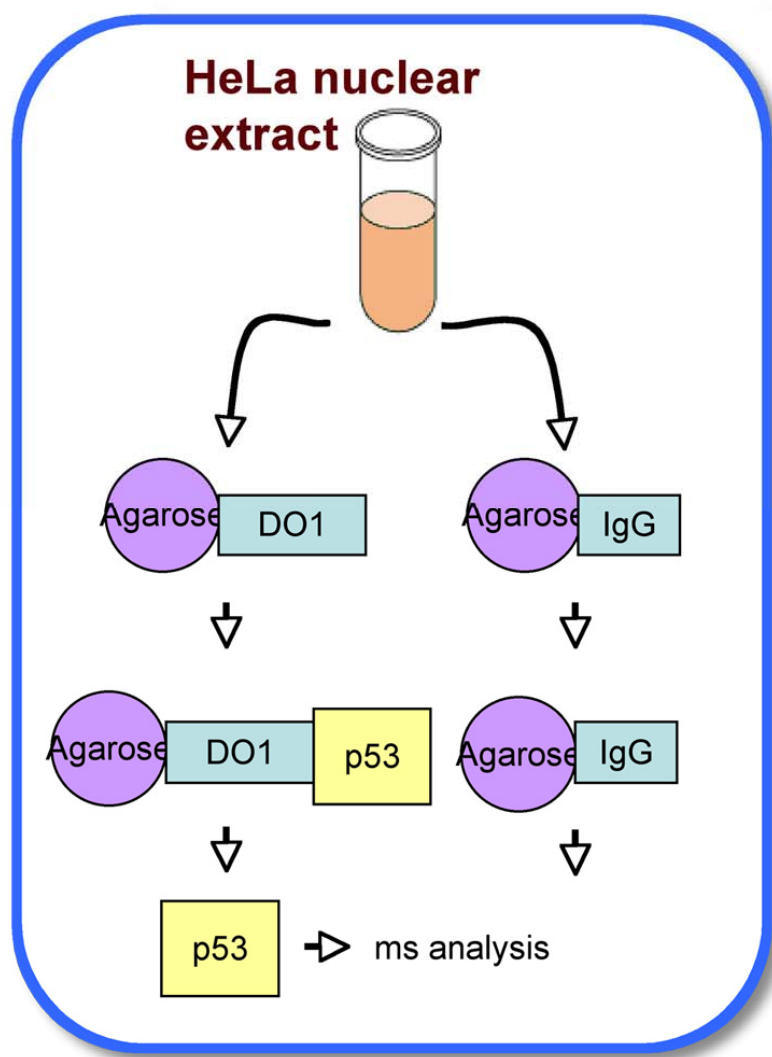
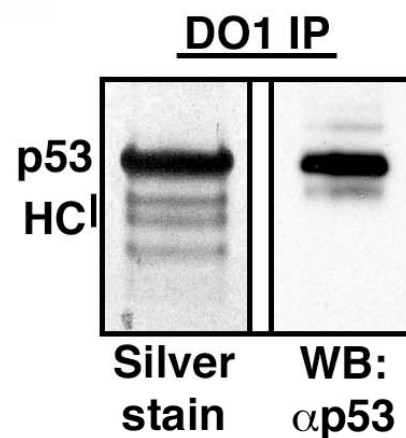


Supplementary Figure 1

a



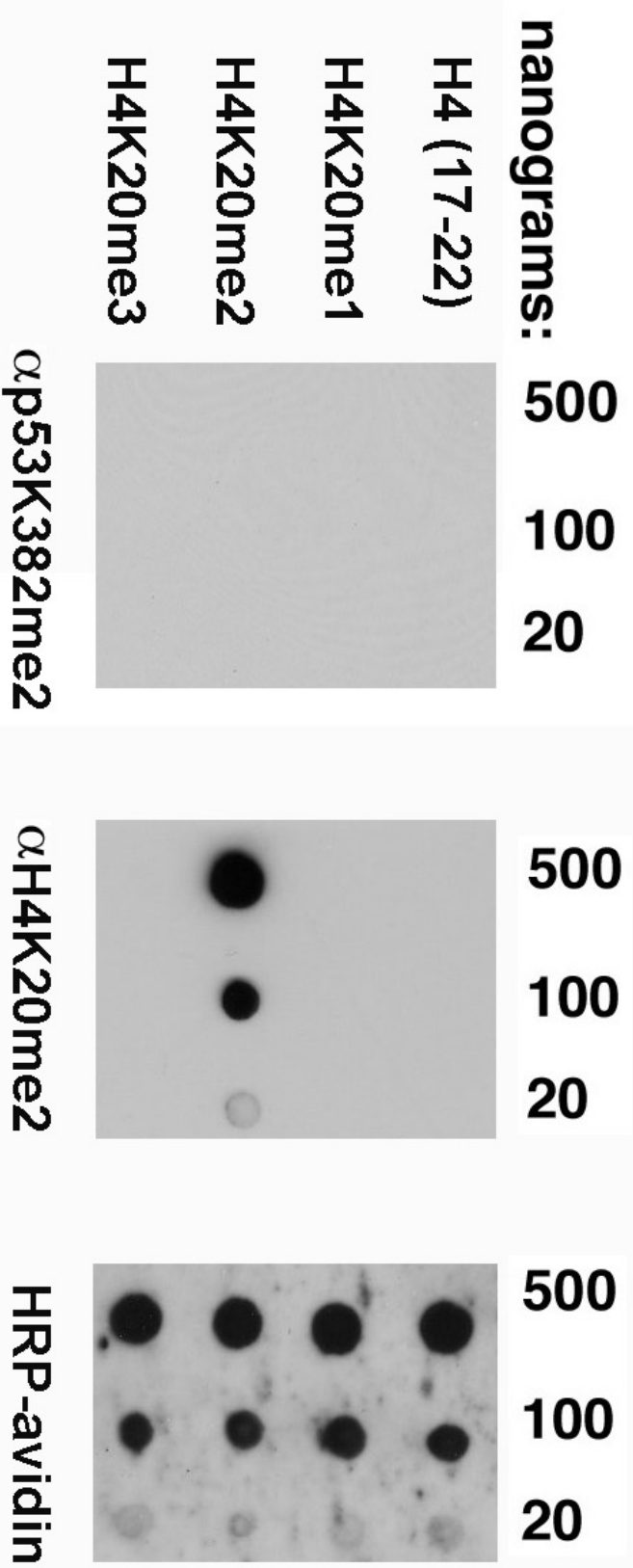
b



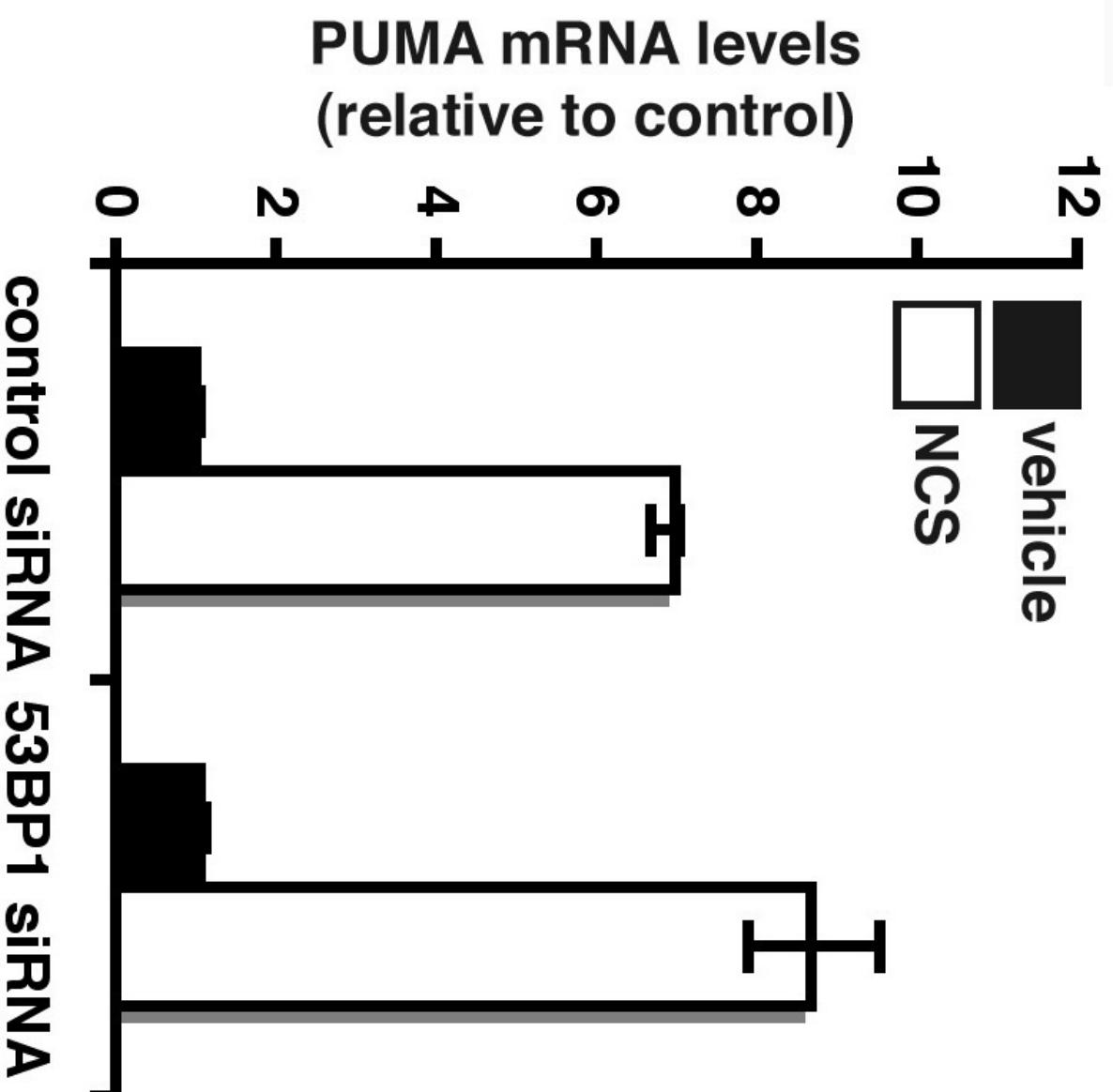
c

peptide sequence	lysine	unmodified, kDa	mass observed,	mass shift, Da	Conclusion
AHSSHLK	K370	779.4158	807.4458	28.03	dimethyl
LMFK	K386	538.3057	552.3157	14.01	monomethyl
LMFK	K386	538.3057	566.3357	28.03	dimethyl

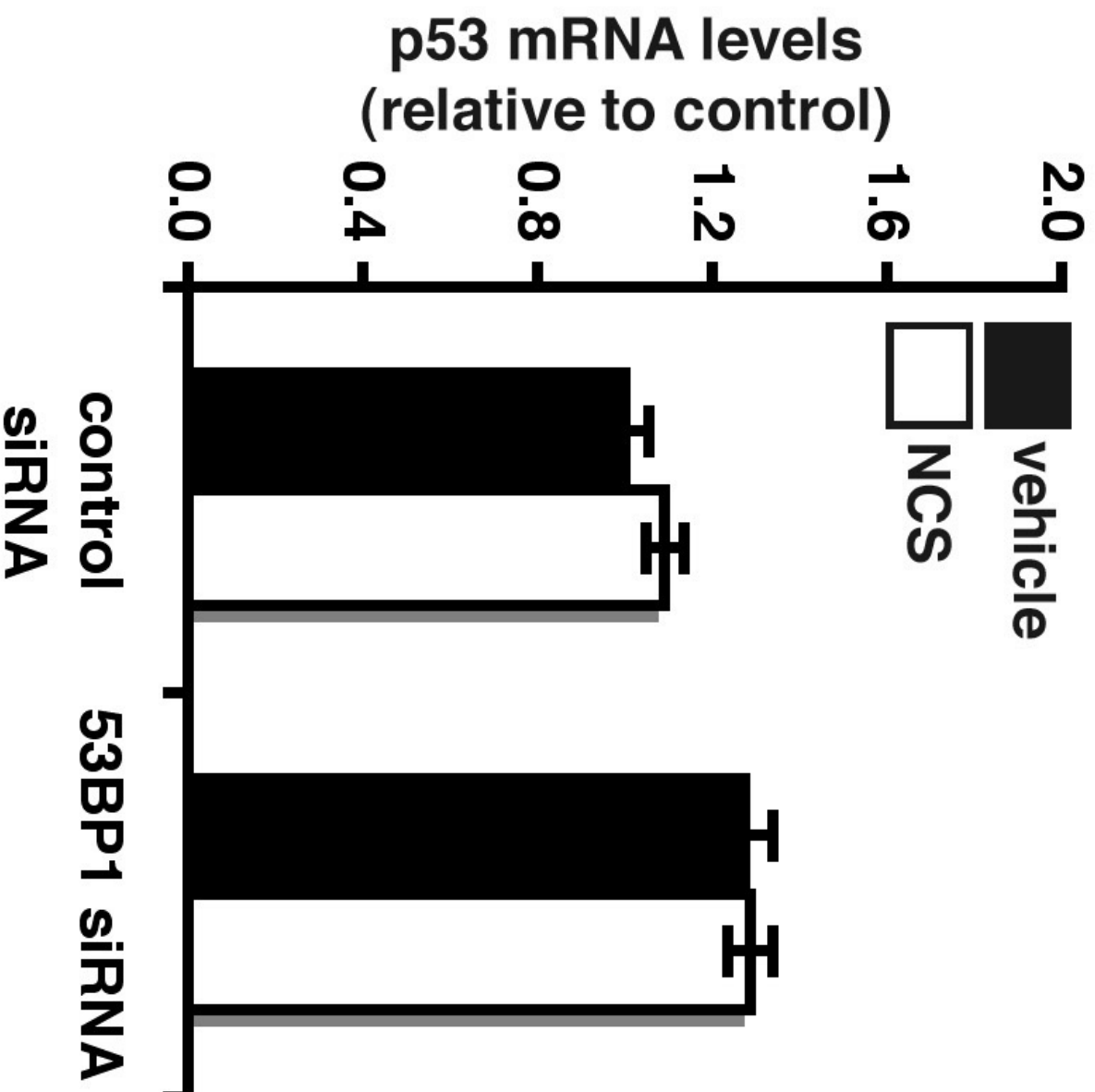
Supplementary Figure 2



Supplementary Figure 3



Supplementary Figure 4



Supplementary Figure 5

