

S3 Table. Sensitivity of GluN2A-P552R to endogenous negative modulators (related to RESULTS)

	WT N1/N2A	N1/N2A-P552R	P-value[#]
Mg²⁺, IC₅₀, μM (n)	20 ± 3.8 (6)	13 ± 2.2 (8)	0.062
Proton, I_{pH6.8}/I_{pH7.6}% (n)	44 ± 1.0% (12)	47 ± 1.6% (11)	0.108
Zn²⁺, IC₅₀, nM (n)	27 ± 5.7 (24)	8.9 ± 0.4 (24)	< 0.001
%inhibition by saturating Zn²⁺	60 ± 2.7% (23)	91 ± 1.7% (22)	< 0.001

Data are from human NMDARs.

[#] p-values for unpaired t-tests comparing WT N1/N2A to N1/N2A-P552R