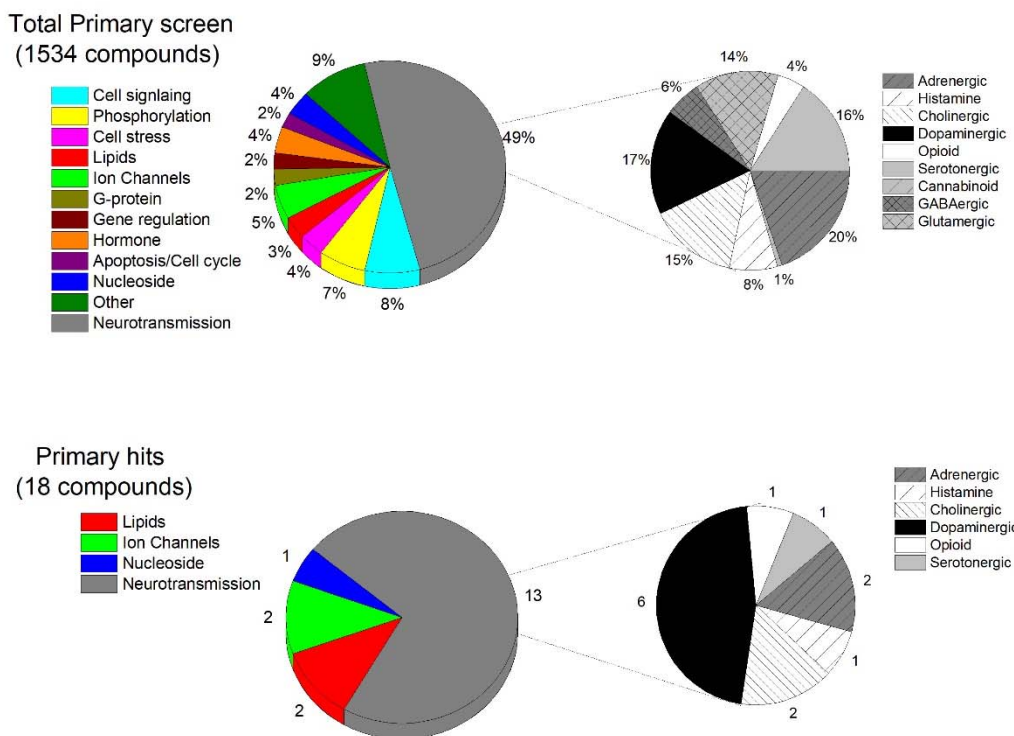


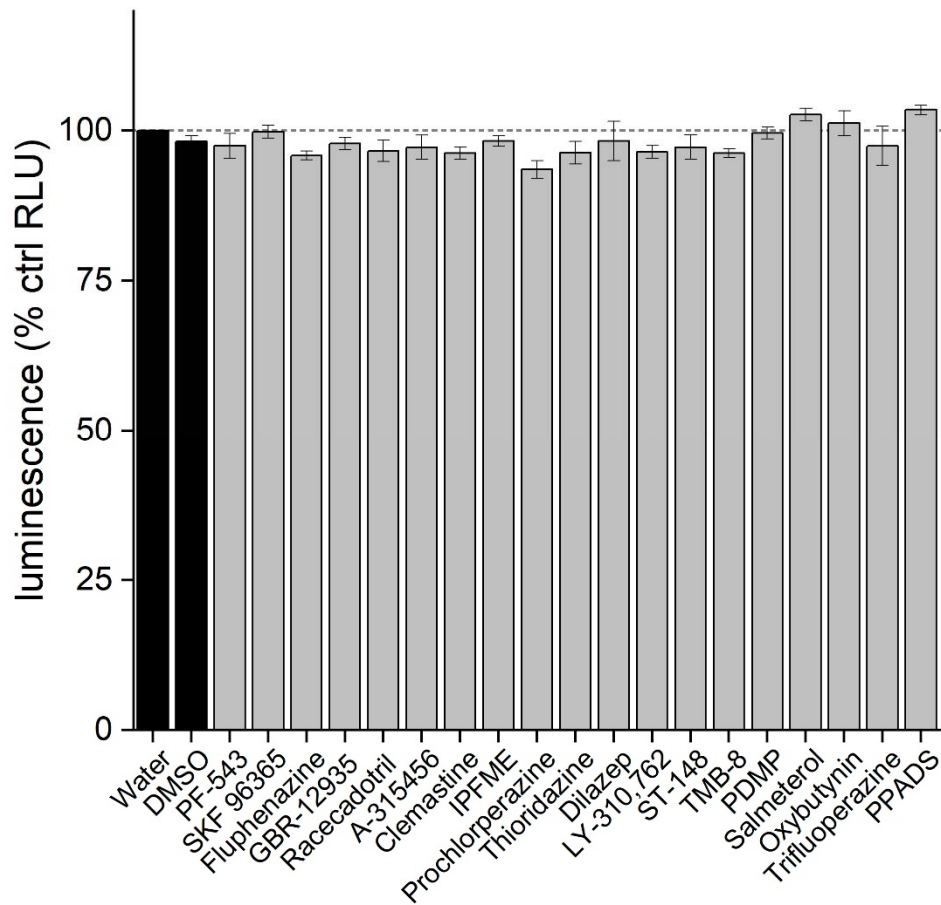
Supplementary Figure 1



Supplementary Figure 1. Functional classification of screened drugs and candidate hits.

Top, Schematic representation of functional classification of drug hits (categories reflect LOPAC₁₂₈₀ 'pharmacological action' ontology) in the primary screen (1534 compounds). Distribution within the largest class ('neurotransmission') is expanded by neurotransmitter category. *Bottom*, functional grouping of 18 candidate hits from the primary screen (shown by number of compounds) using the same classification nomenclature.

Supplementary Figure 2



Supplementary Figure 2. Effect of drug treatment on cell viability. Measurements of luminescence intensity in U2OS cells treated with indicated drugs (30 μ M, grey bars) or vehicle (black bars) for 8 hours, detected using the luciferase based CellTiter Glo2.0 system.