



Additional file 7. Inhibitor-evoked [³⁵S]GTP γ S binding responses are restricted to white matter areas of rat brain. Coronal brain sections were incubated using a three-step autoradiography protocol as detailed in Methods. AlF_x⁻ (NaF 10 mM + AlCl₃ 50 μM) was included during the 40 min preincubation step (step 1) and other test chemicals during the [³⁵S]GTP γ S labelling step (step 3). Step 3 additionally contained 0.1 % BSA. Autoradiography films were digitized and [³⁵S]GTP γ S binding was quantified from the corpus callosum (representing white matter) or from cerebral cortex (representing grey matter), as described in Methods. Quantitative data are calculated as nCi/g equivalents with non-specific binding subtracted from total binding. The data are expressed as mean + SEM from six individual animals (n=6). Significance level: ****p* < 0.001 and ***p* < 0.01 compared to basal in each brain region.