



Supplemental figure. Intracellular cyclic adenylylate monophosphate (cAMP) accumulation in neurons treated with GLP-1 receptor agonists and a cAMP/cGMP-phosphodiesterase inhibitor.

The cAMP accumulation was measured 120 minutes after exposure to a cAMP/cGMP-phosphodiesterase inhibitor IBMX and 100 nM exendin-4, 10 nM GLP-1, or 10 μ M forskolin. Both GLP-1 receptor agonists, exendin-4 and GLP-1, provoked no significant cAMP accumulation. Ex-4: cells supplemented with 100 nM exendin-4, **: $p < 0.001$ versus control. Error bar: standard deviation. $n = 5$ or 6 in each group.