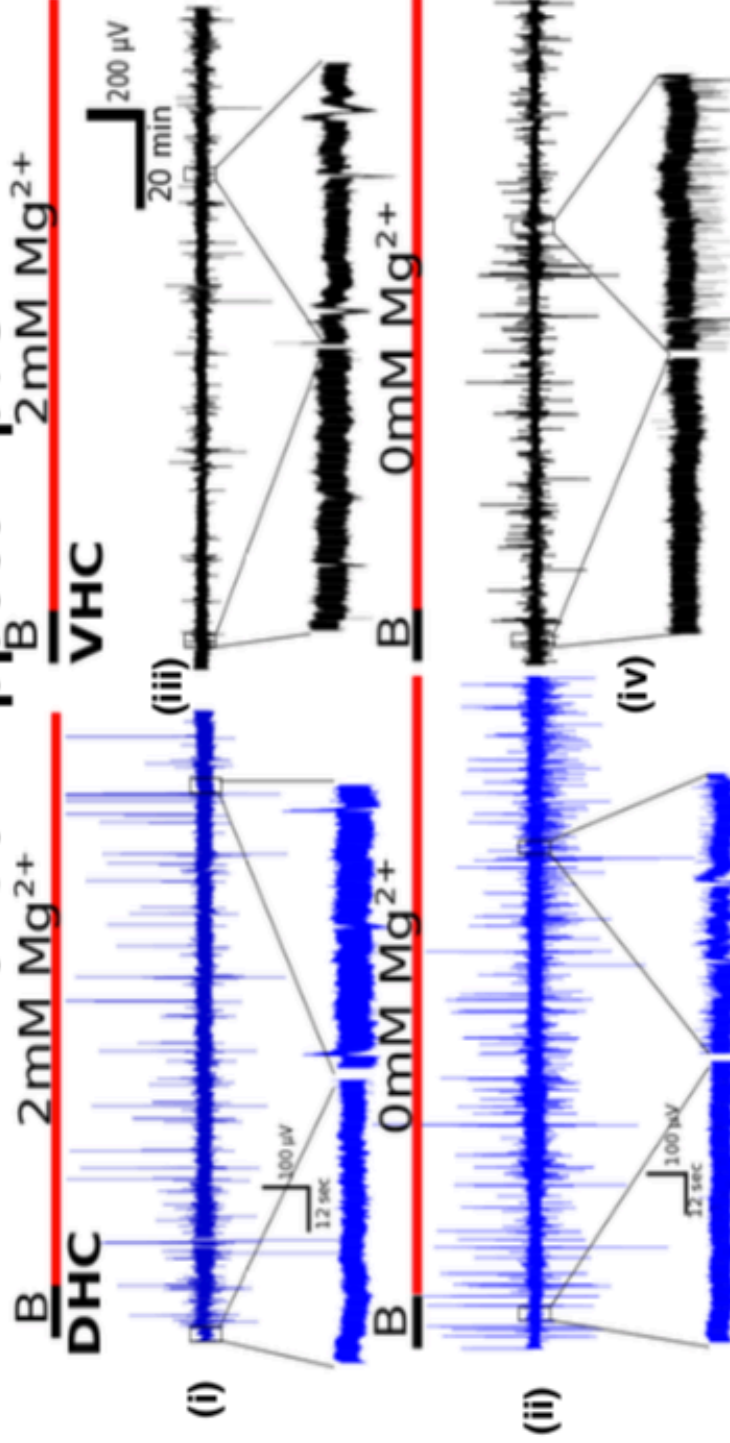


## Figure 4: Effects of 0mM $Mg^{2+}$ aCSF in dorsal and ventral hippocampus



Representative full length recordings of (i) DHC slice in 2mM  $Mg^{2+}$  aCSF, (ii) DHC slice in 0mM  $Mg^{2+}$  aCSF, (iii) VHC slice in 2mM  $Mg^{2+}$  aCSF, (iv) VHC slice in 0mM  $Mg^{2+}$  aCSF. Representative baseline and steady-state activity expanded below.