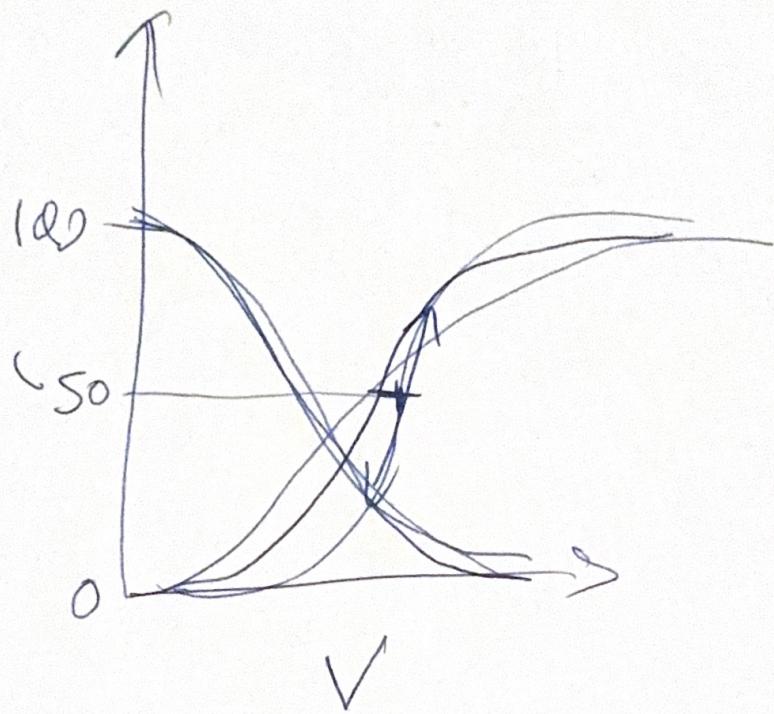
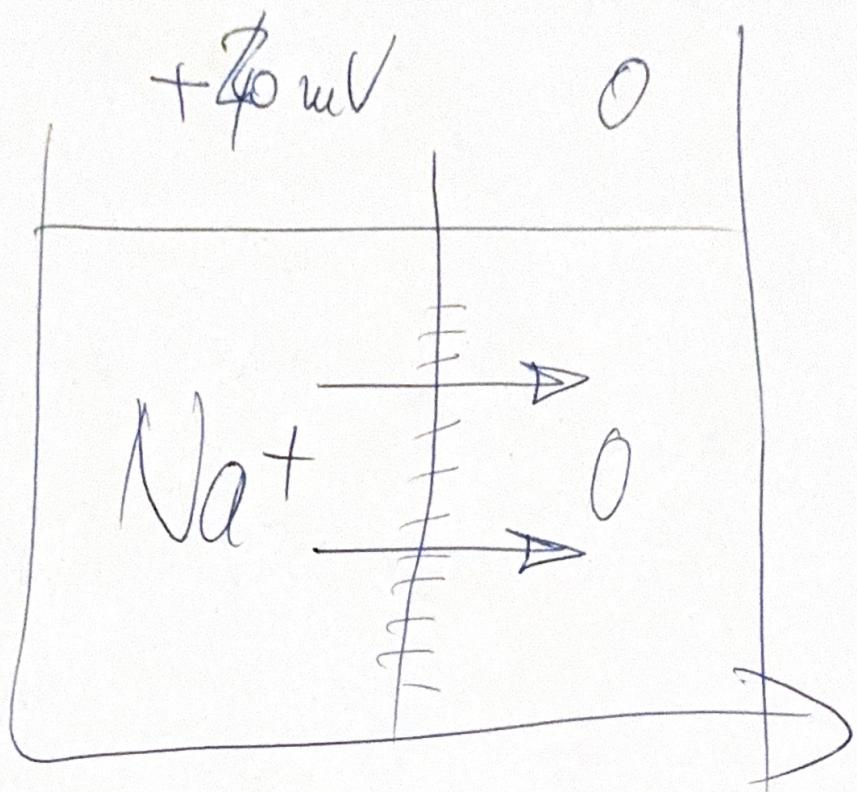


$$M_{\infty} = \frac{1}{1 + \exp\left(\frac{V - V_{50}}{z}\right)}$$



$$\frac{M_{\infty}}{h_{\infty}} = \frac{T}{g_{\max} \times m \times h} \times \boxed{V - E_{Rev}}$$

$M_{\infty}$



$\text{Na}^+ + 70 \text{ mV}$

$\text{K}^+ - 90 \text{ mV}$

$\text{Ca}^{2+} + 50 - 100 \text{ mV}$

$\text{Cl}^- - 60/-70 \text{ mV}$

$$g_{\max} = g_u \times N$$

$$\frac{t}{N_{\text{av1.2}}} = \frac{g_{\text{Nav1.2}} \times N}{x (m \times h)} \times (V - E_{\text{Rev}})$$

$g_{\text{Na}}$

$g_L$

$g_{KDR}$

$g_A$

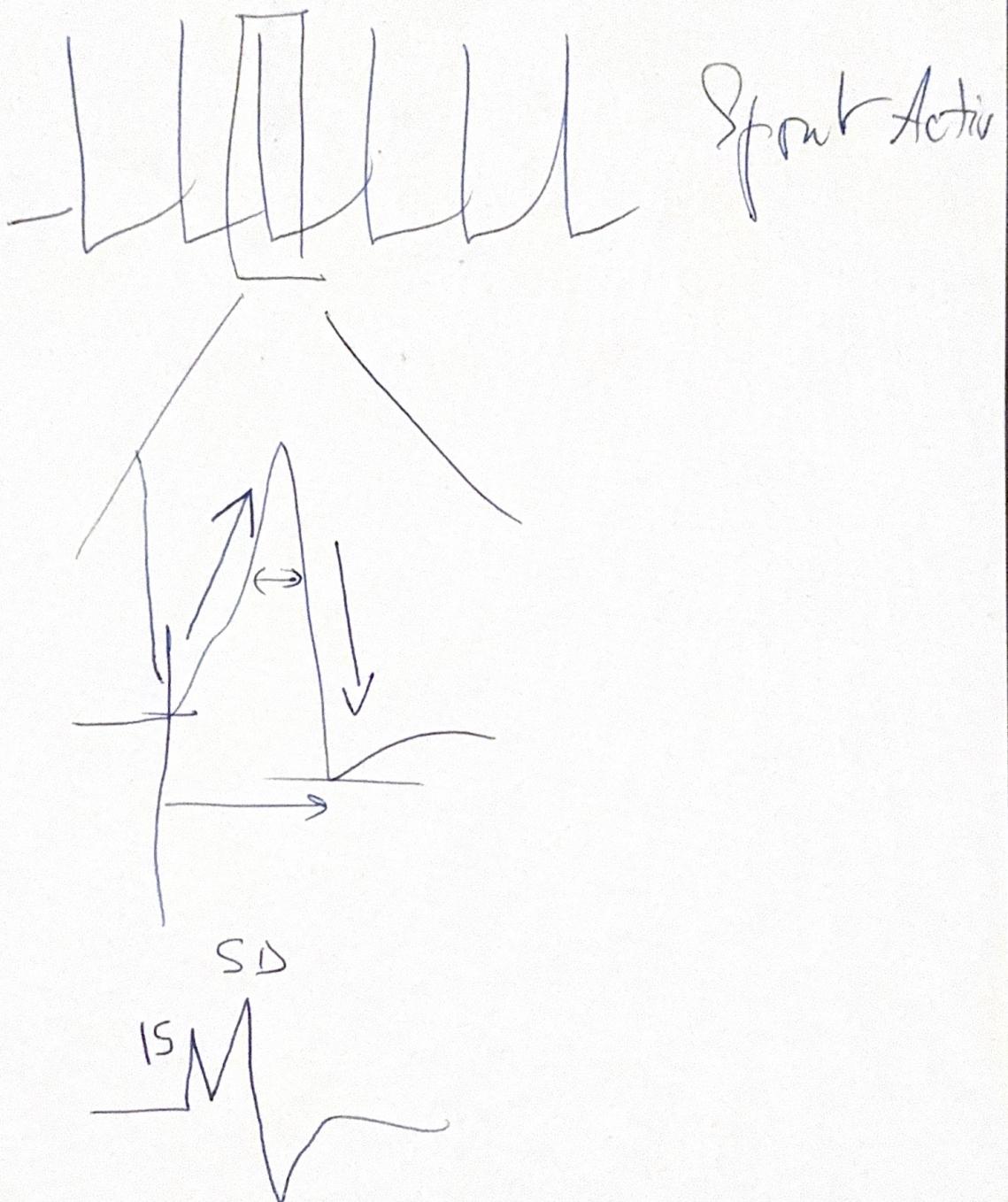
$g_H$

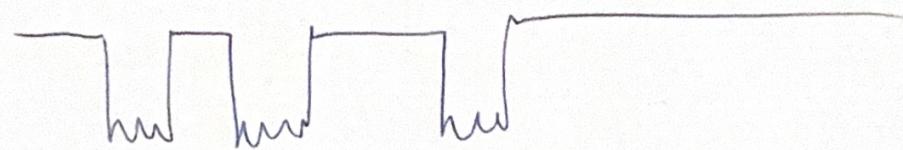
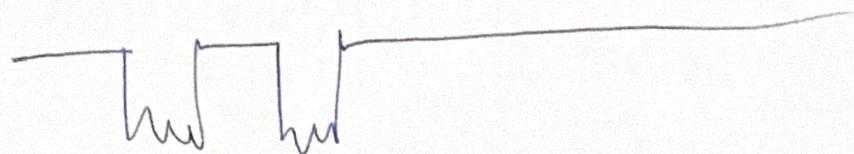
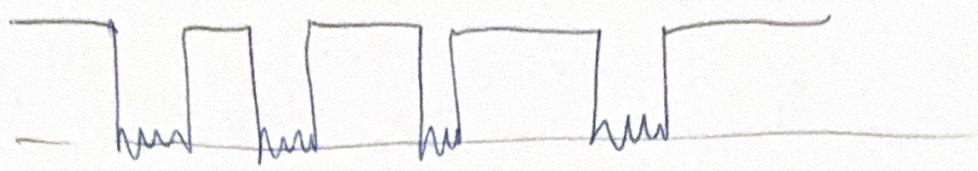
$g_{\text{CavL}}$

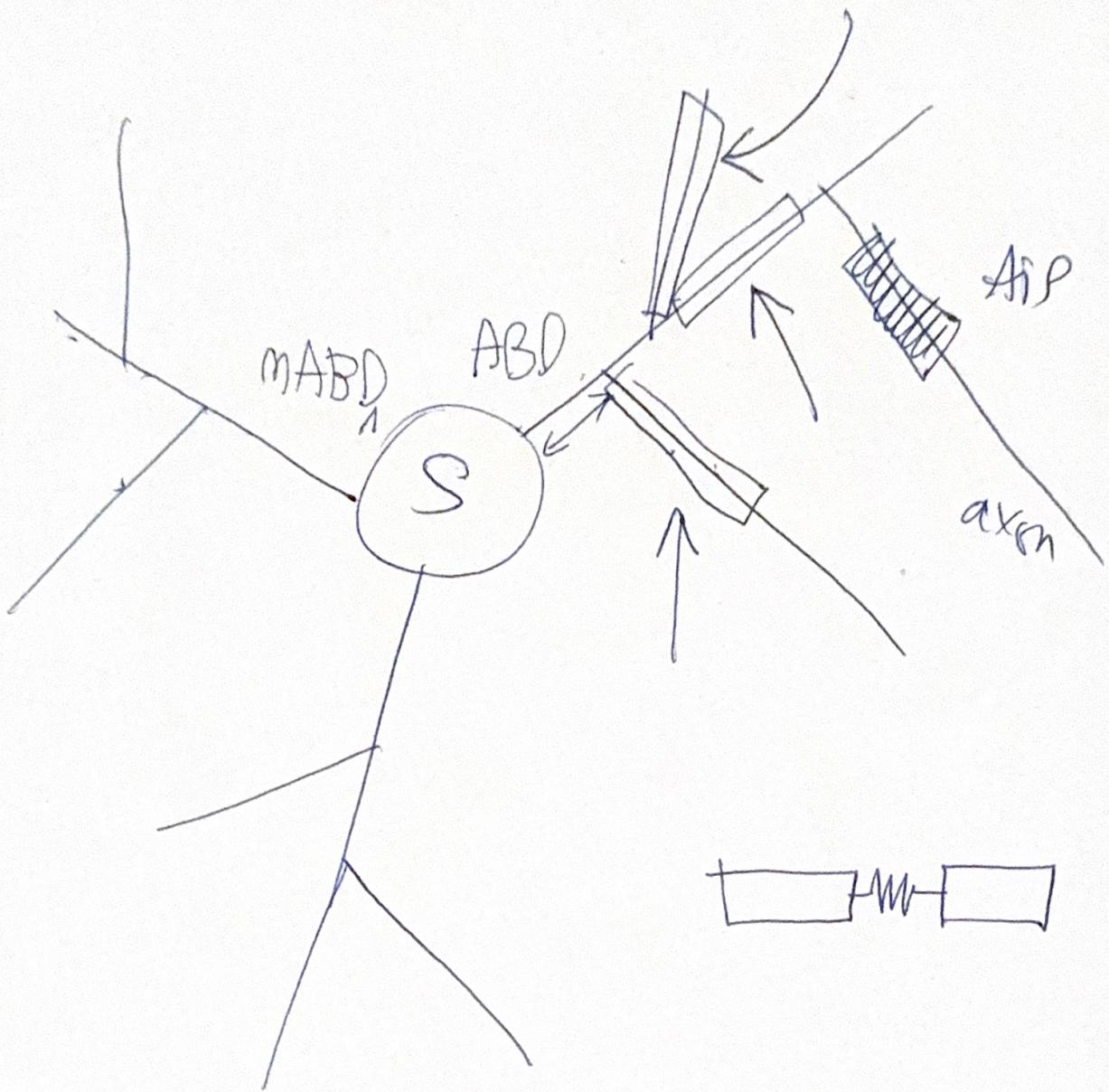
$g_{SK}$

WT

Nav1.2 KO







~~proj. 1.00~~