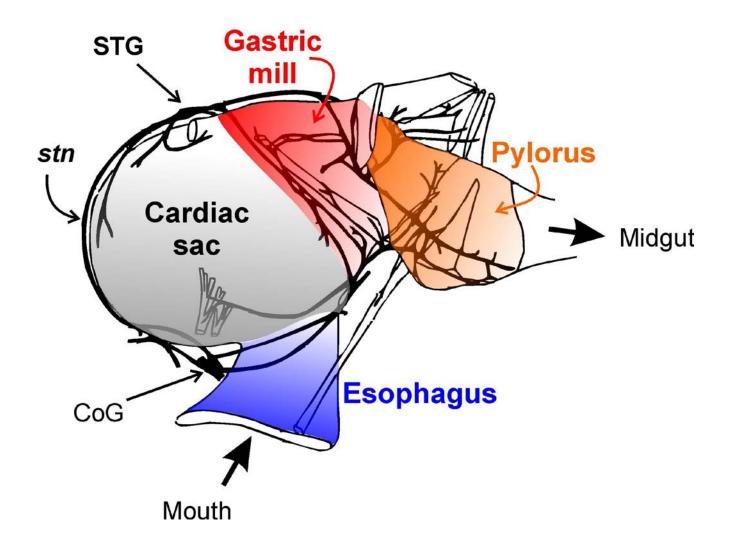
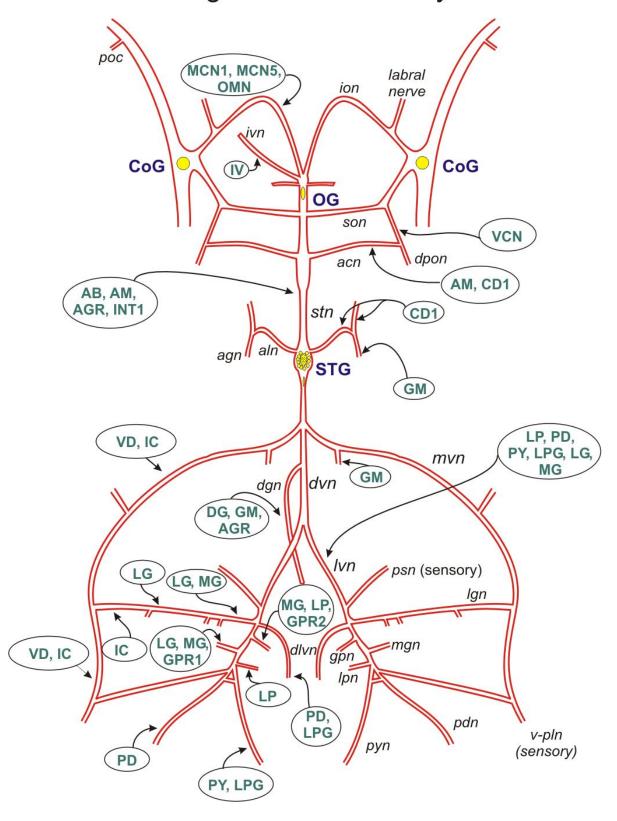
The Cancer borealis

STG guide

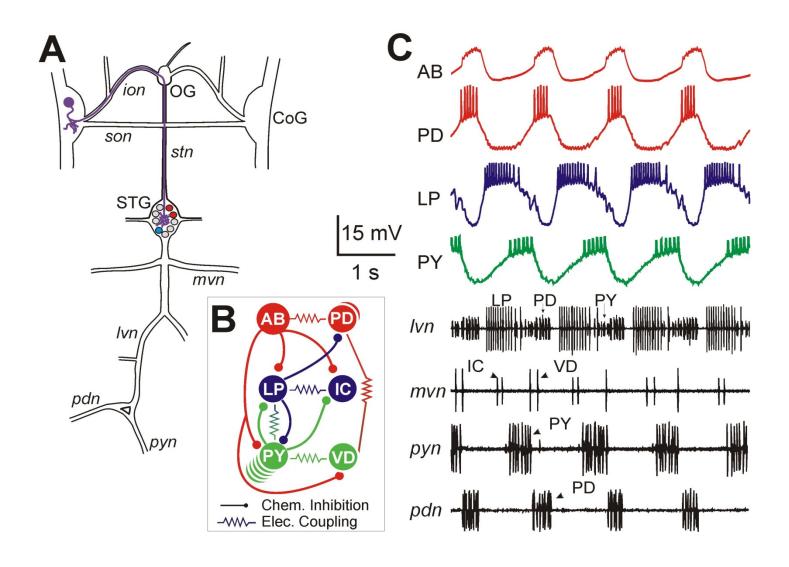
The foregut



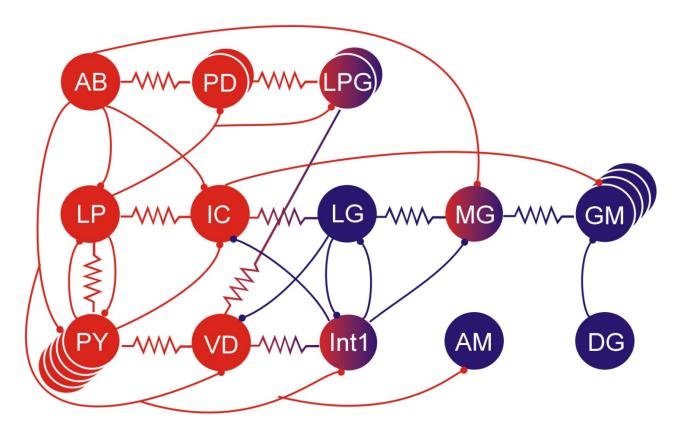
The Cancer borealis Stomatogastric Nervous System



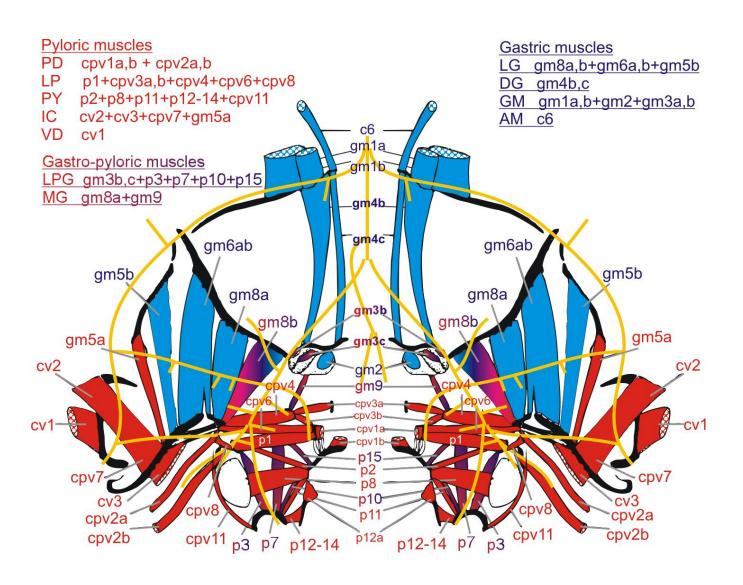
The pyloric rhythm



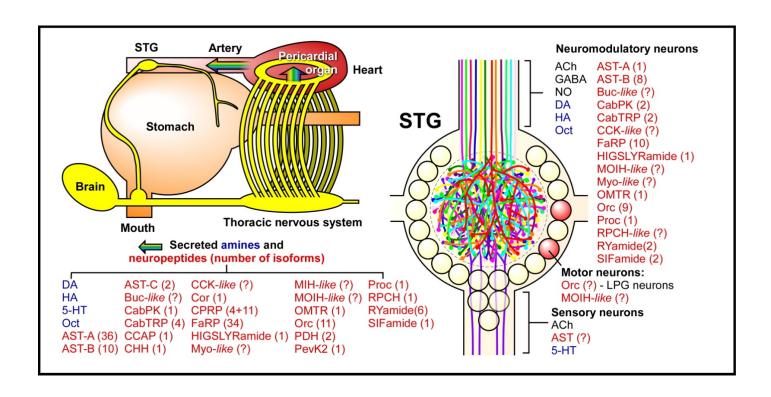
The Cancer borealis gastric and pyloric networks



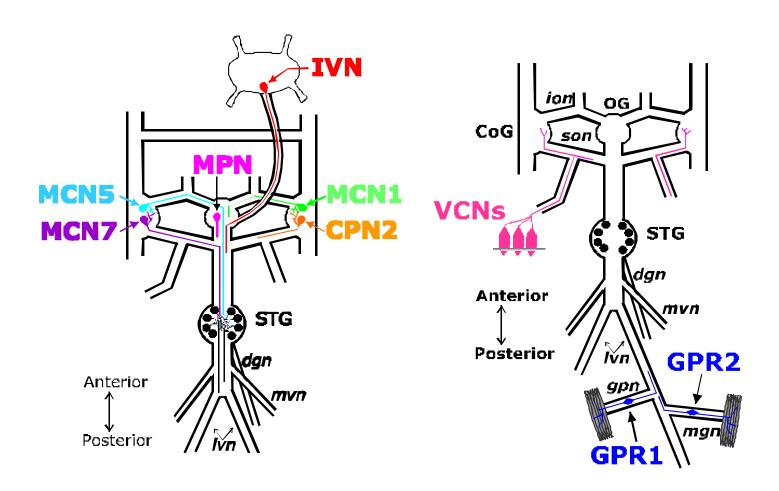
Pyloric and Gastric Mill muscles and innervation



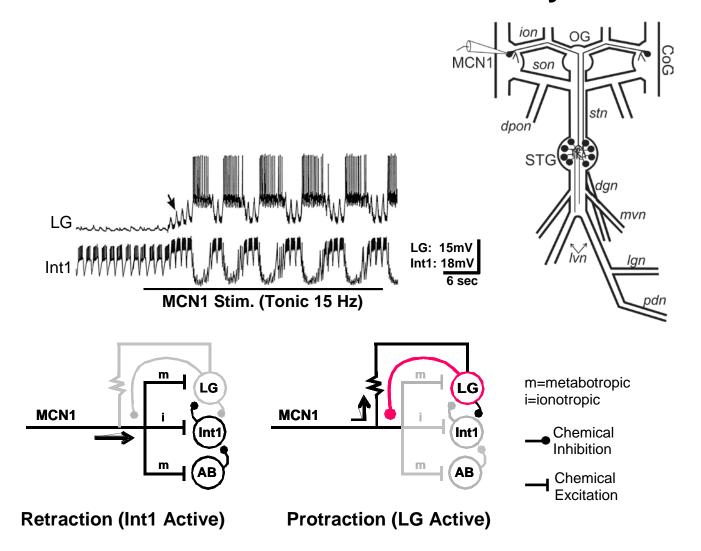
Neuromodulation in the STNS



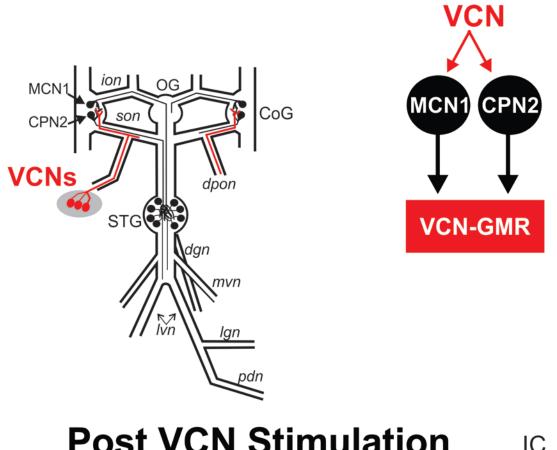
Some STNS Projection and sensory neurons

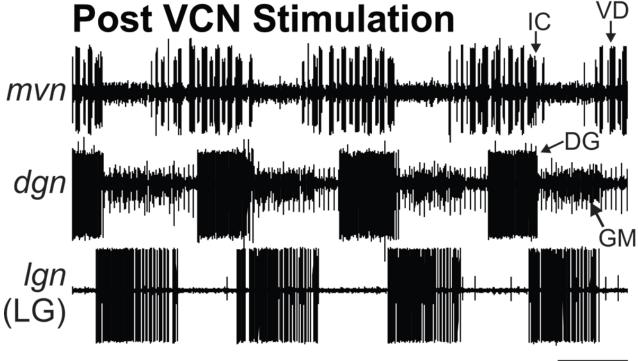


MCN1-elicited Gastric Mill Rhythm

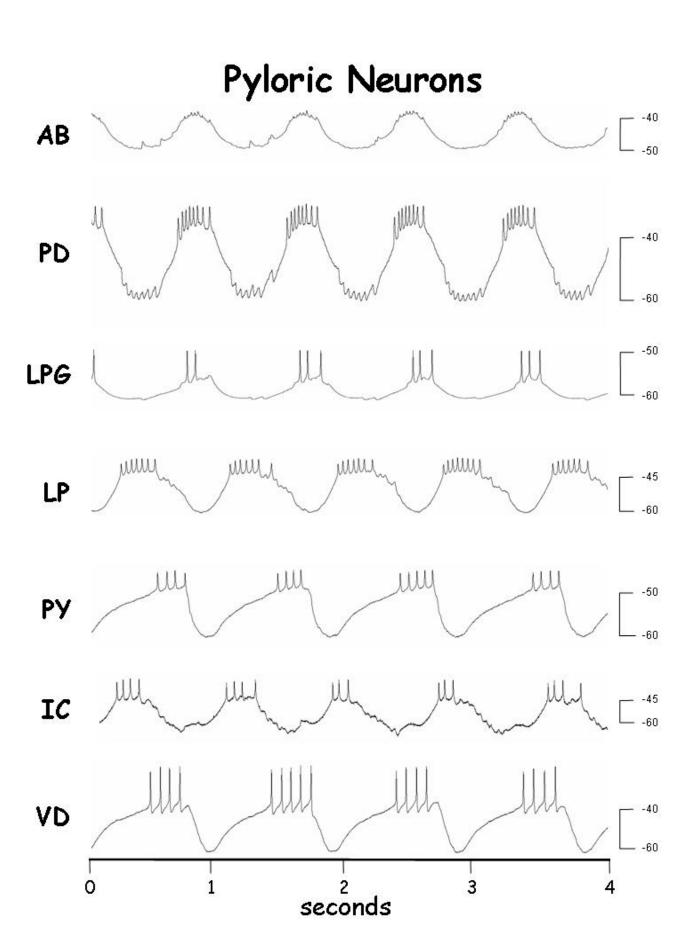


VCN-triggered Gastric Mill Rhythm

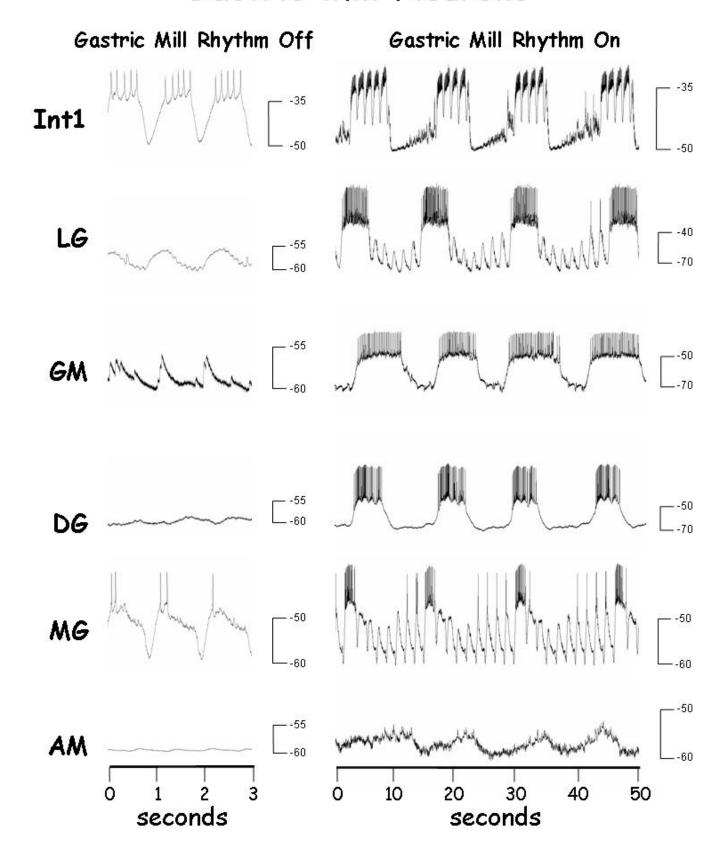




5 s



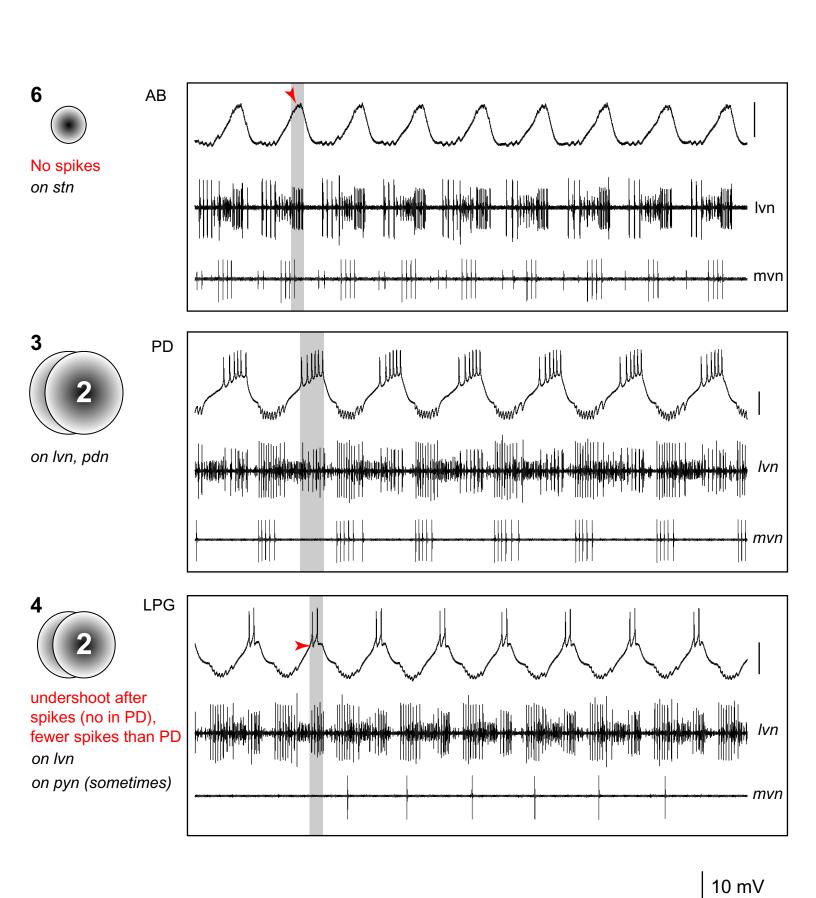
Gastric Mill Neurons



Cancer borealis

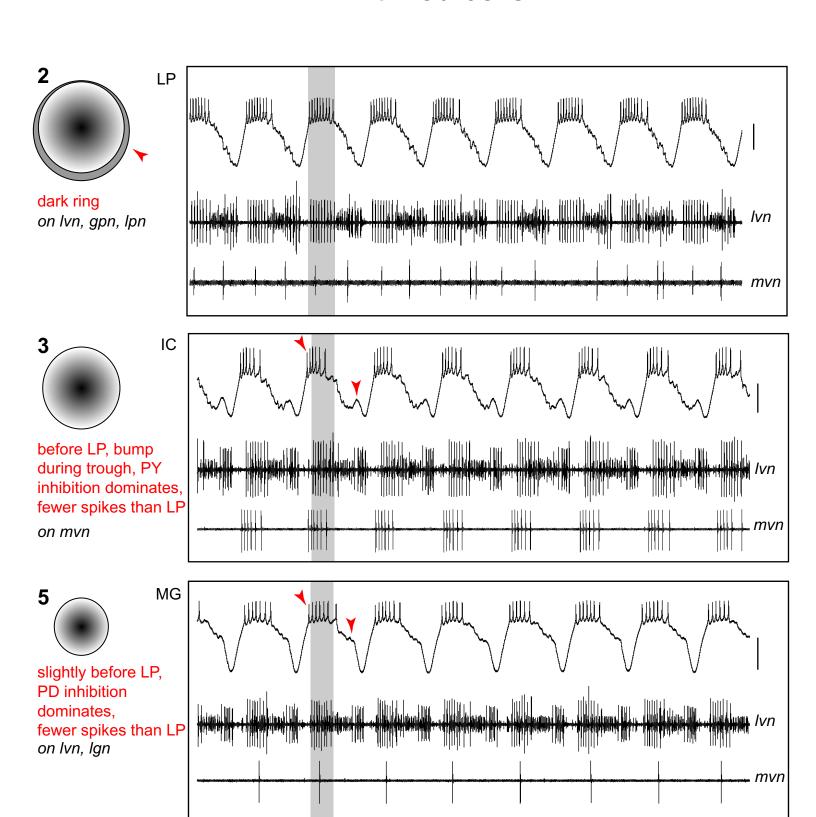
RECORDINGS OF PYLORIC AND GASTRIC CELLS DURING THE ONGOING PYLORIC RHYTHM (NO GASTRIC RHYTHM)

PD-timed cells

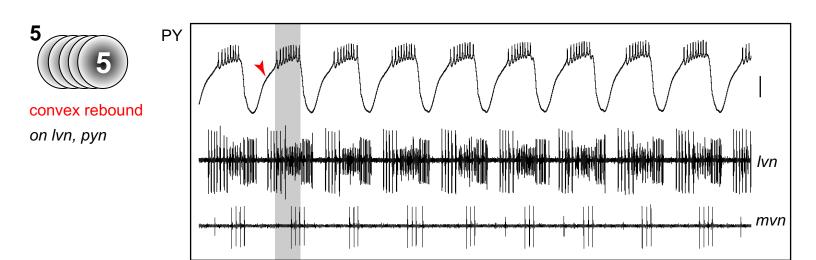


1 s

LP-timed cells

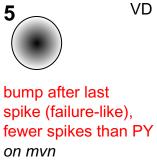


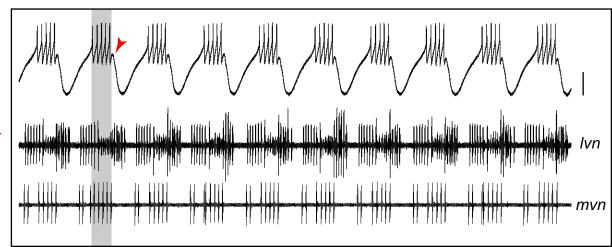
PY-timed cells



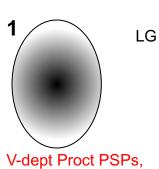


on stn

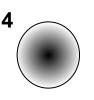




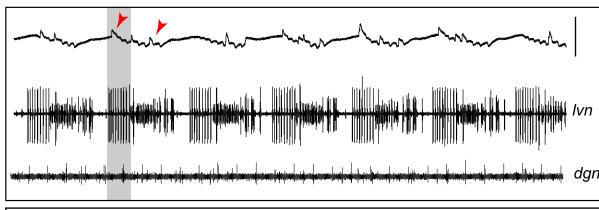
Pure Gastric Cells

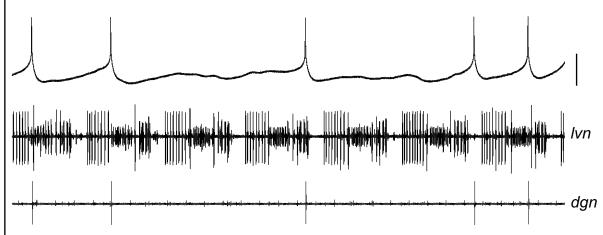


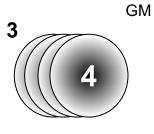
V-dept Proct PSPs, rarely spikes w/o gastric rhythm on Ivn, Ign



on dgn

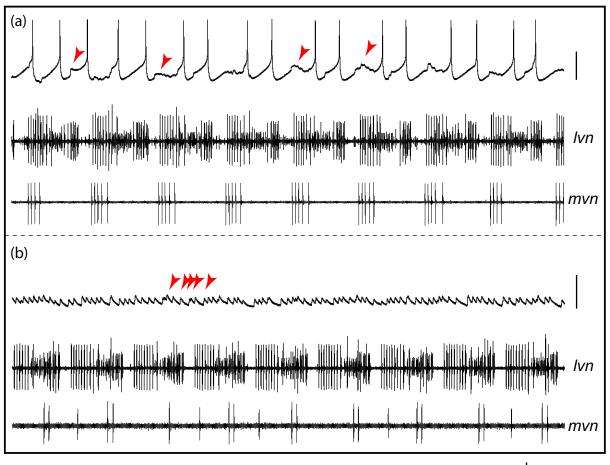






High frequency of PSPs not locked on pyloric cells

on dgn, lvn



10 mV