

Raw wave-
form sampled
at 20 kHz

EOD f base-
line sampled
at ~3 Hz

Powers of
EOD f , sampled
at ~3 Hz

Feature extraction
on n electrodes

Bandpass
filter around
baseline

Bandpass
filter above
baseline

Baseline
instantaneous
frequency

Feature
transformation
and scaling

Peak
detection

Peak
classification

Chirp time-
stamps per
fish