

PPG Wave

ROM Waveforms and Wavetables

This document shows all waveforms and wavetables that are contained in the wavetable EPROMS of the PPG Wave range of synthesizers.

It consists of two sections:

Section 1 – Waveforms

This section shows all waveforms, first for V4, then for V6. Since the PPG programmers put some code over 2 waveforms when they added the V2.3 MIDI code, these are different for V4 and V6. IMO, wavetable 13 is buggy anyway – it contains references to 2 waveforms that are *outside* the wavetable EPROMs, which leads to the above problem.

In this section, all waveforms that are used in a wavetable are displayed with a **black** header above them, all unused waveforms are displayed with a **red** header.

Section 2 – Wavetables

This section shows all wavetables. Since the PPG Wave only has a set of about 250 waveforms, most of the wavetables' contents are *interpolated* between 2 of the waveforms. This interpolation, done for all wavetables, gives the marketing-hype-number of “over 1800 waveforms!” available in the instrument.

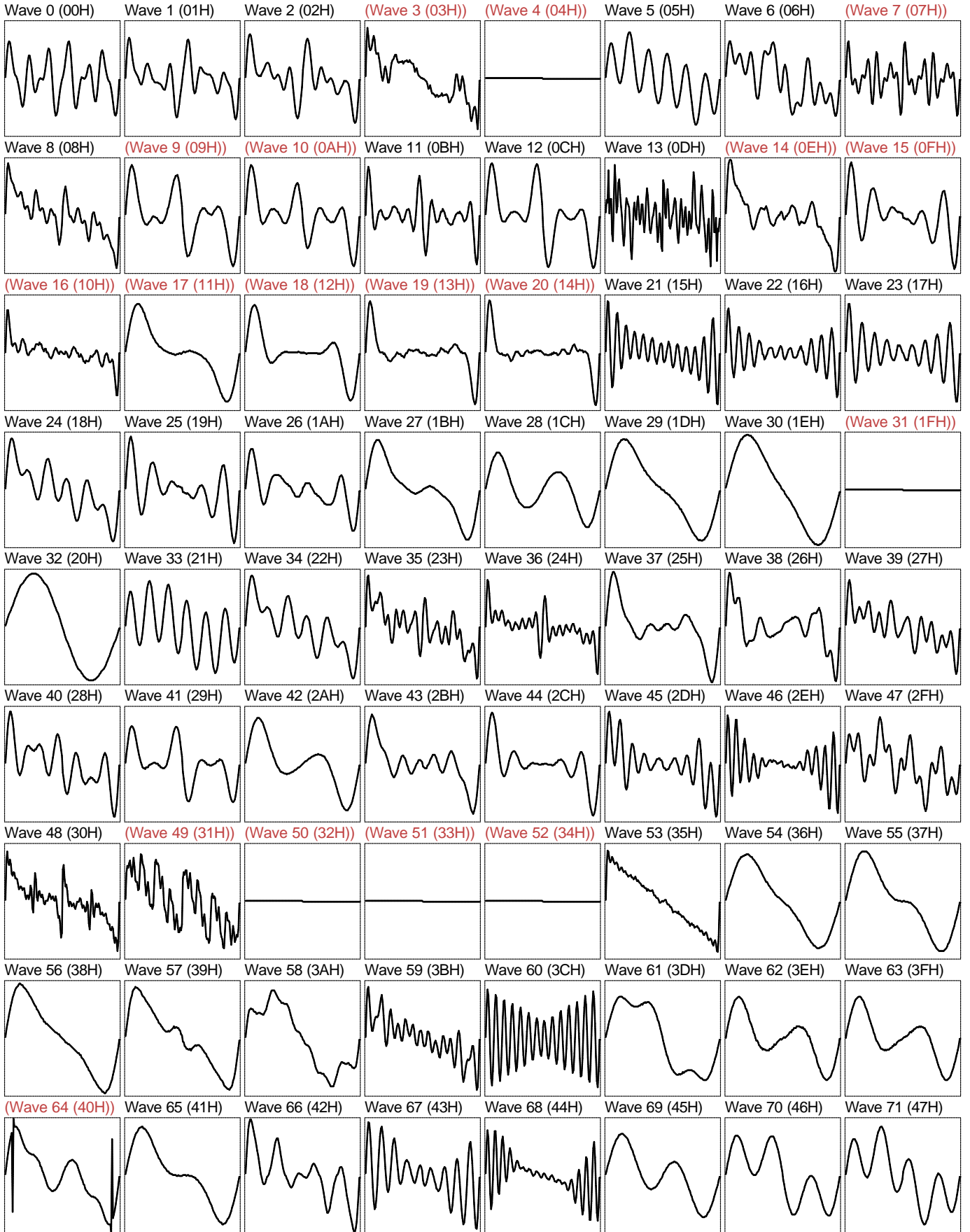
Here, all waveforms that are directly taken from the waveform section are displayed with a **black** header, all interpolated waveforms are displayed with a **red** header above them.

Wavetable 28/29 are special cases – these wavetables are entirely calculated, there's no stored waveform involved.

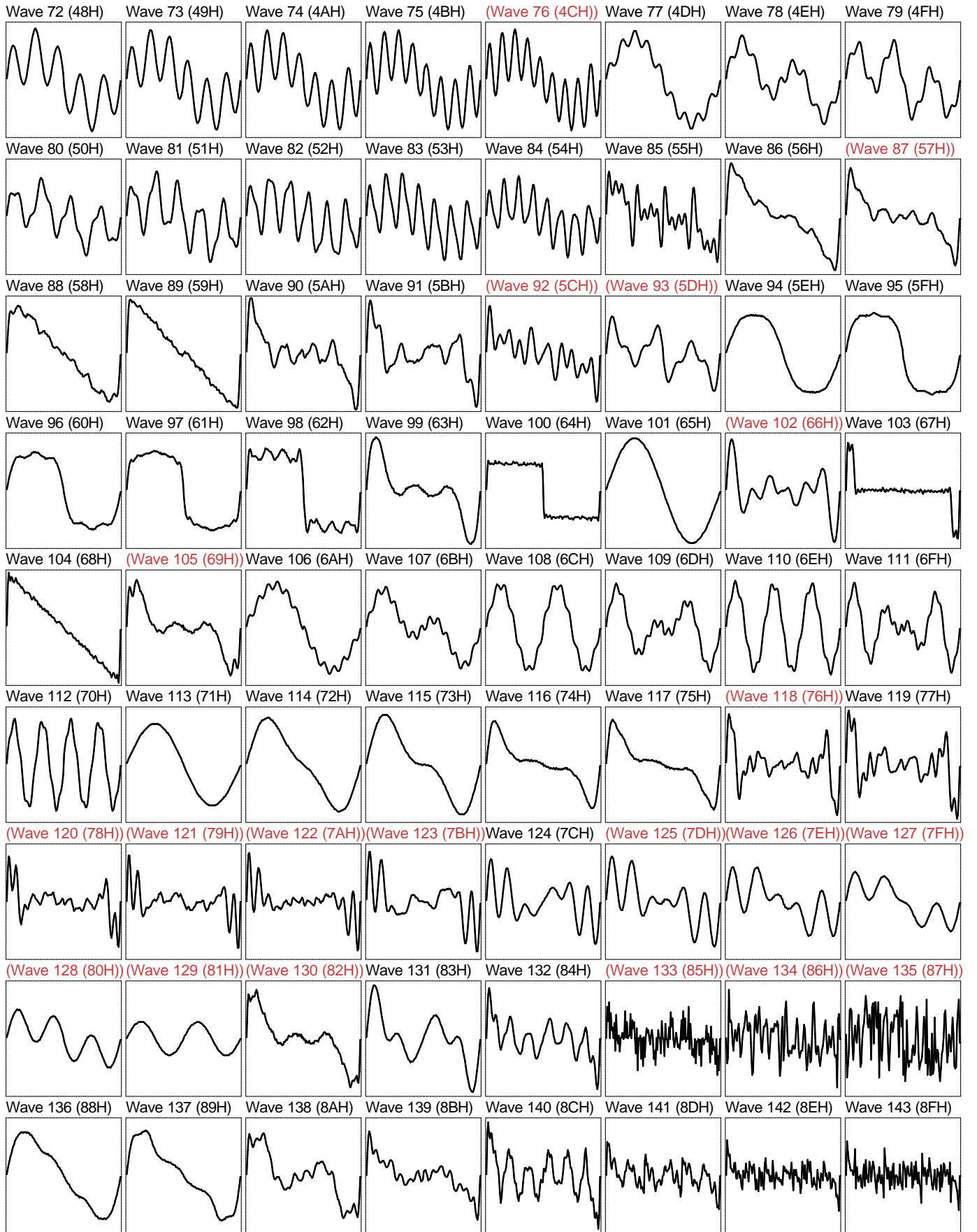
Wavetable 30 is another special case – this is the **Upper Wavetable** that's available for each of the wavetables.

Hermann Seib
Vienna, Jan 2nd, 2005

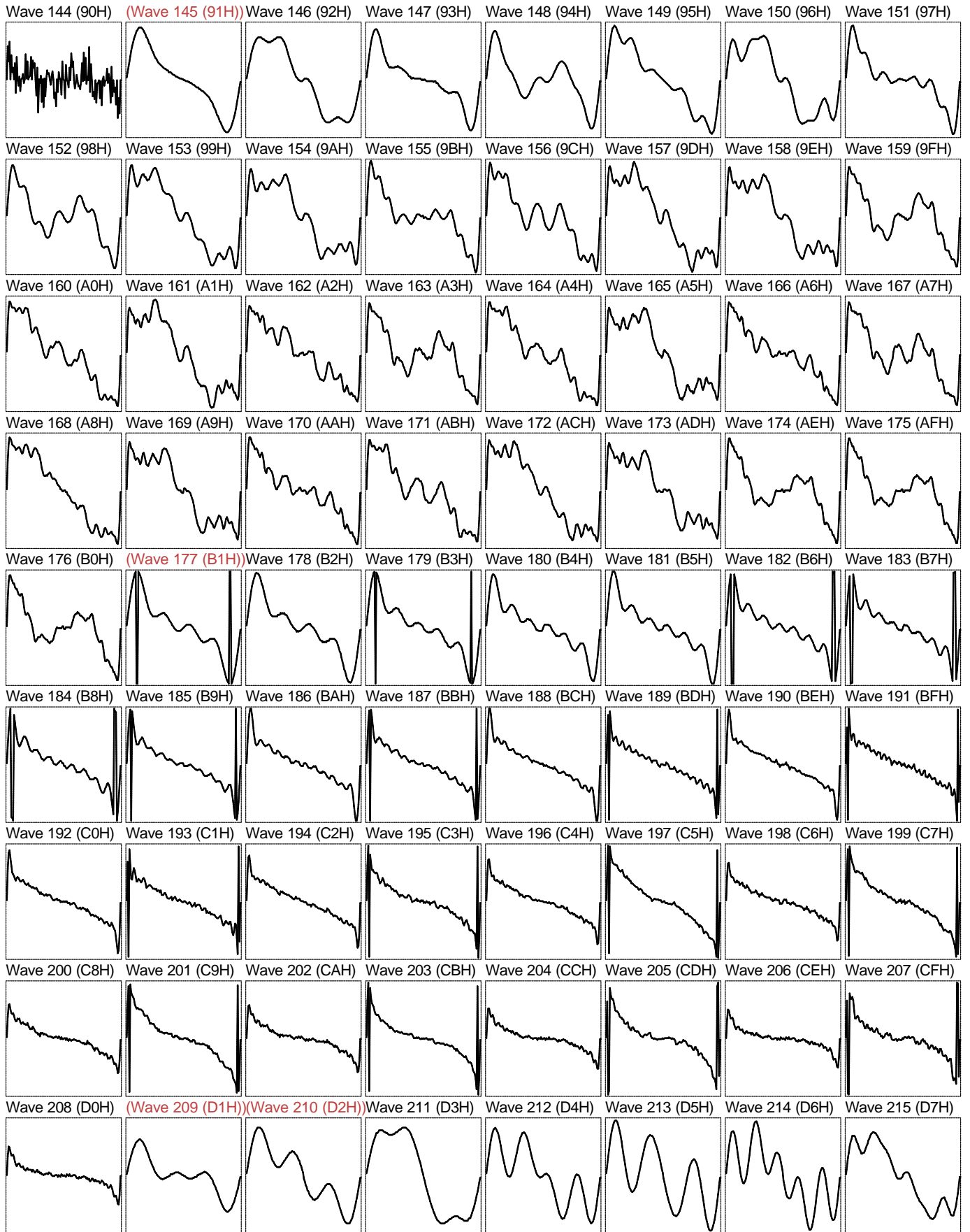
V4 All Waves



V4 All Waves

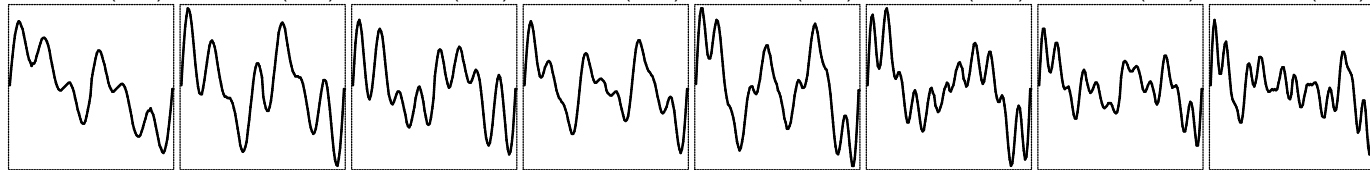


V4 All Waves

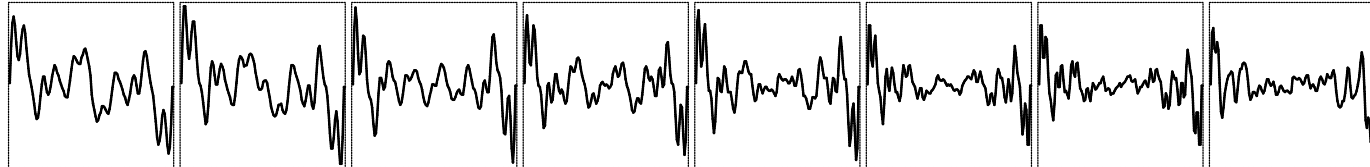


V4 All Waves

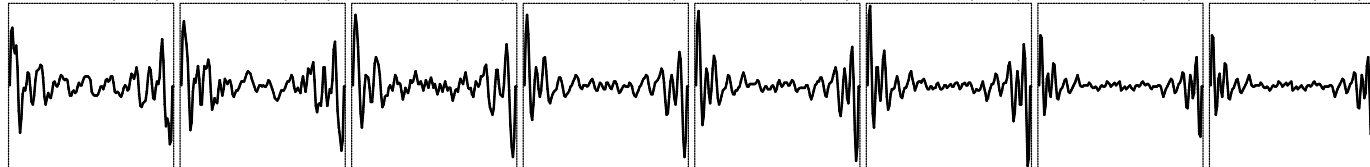
Wave 216 (D8H) Wave 217 (D9H) Wave 218 (DAH) Wave 219 (DBH) Wave 220 (DCH) Wave 221 (DDH) Wave 222 (DEH) Wave 223 (DFH)



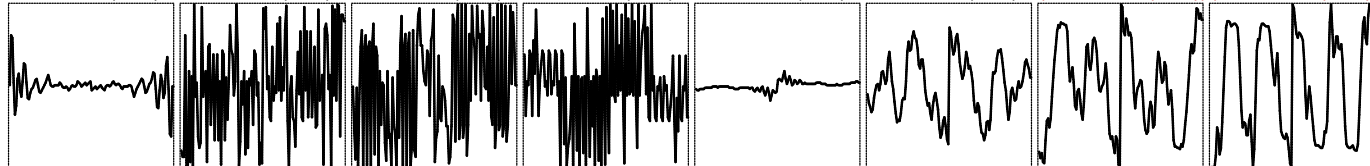
Wave 224 (E0H) Wave 225 (E1H) Wave 226 (E2H) Wave 227 (E3H) Wave 228 (E4H) Wave 229 (E5H) Wave 230 (E6H) Wave 231 (E7H)



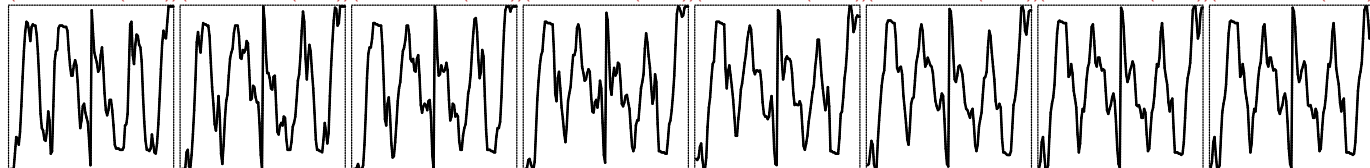
Wave 232 (E8H) Wave 233 (E9H) Wave 234 (EAH) Wave 235 (EBH) Wave 236 (ECH) Wave 237 (EDH) Wave 238 (EEH) Wave 239 (EFH)



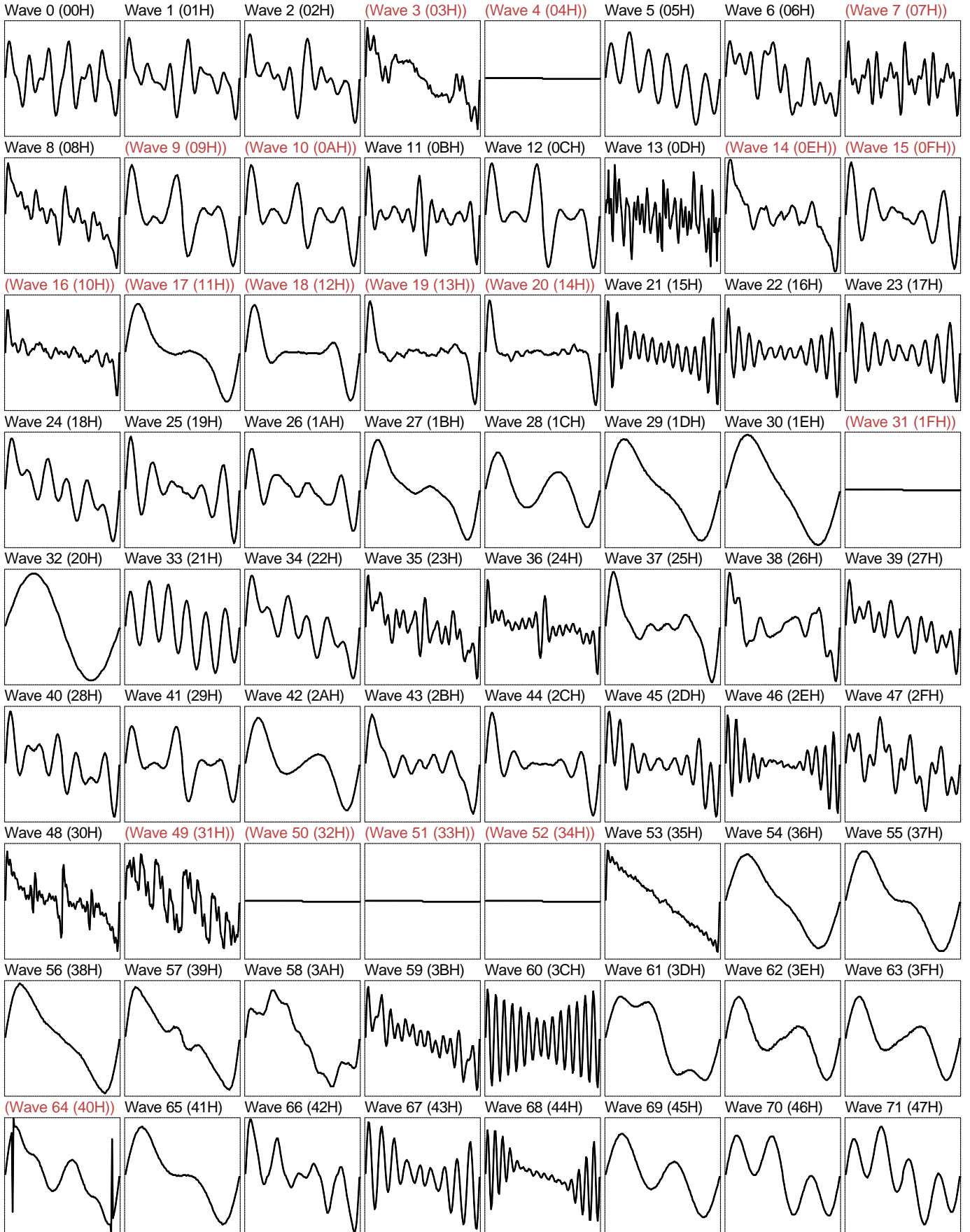
Wave 240 (F0H) Wave 241 (F1H) Wave 242 (F2H) Wave 243 (F3H) Wave 244 (F4H) Wave 245 (F5H) (Wave 246 (F6H)) (Wave 247 (F7H))



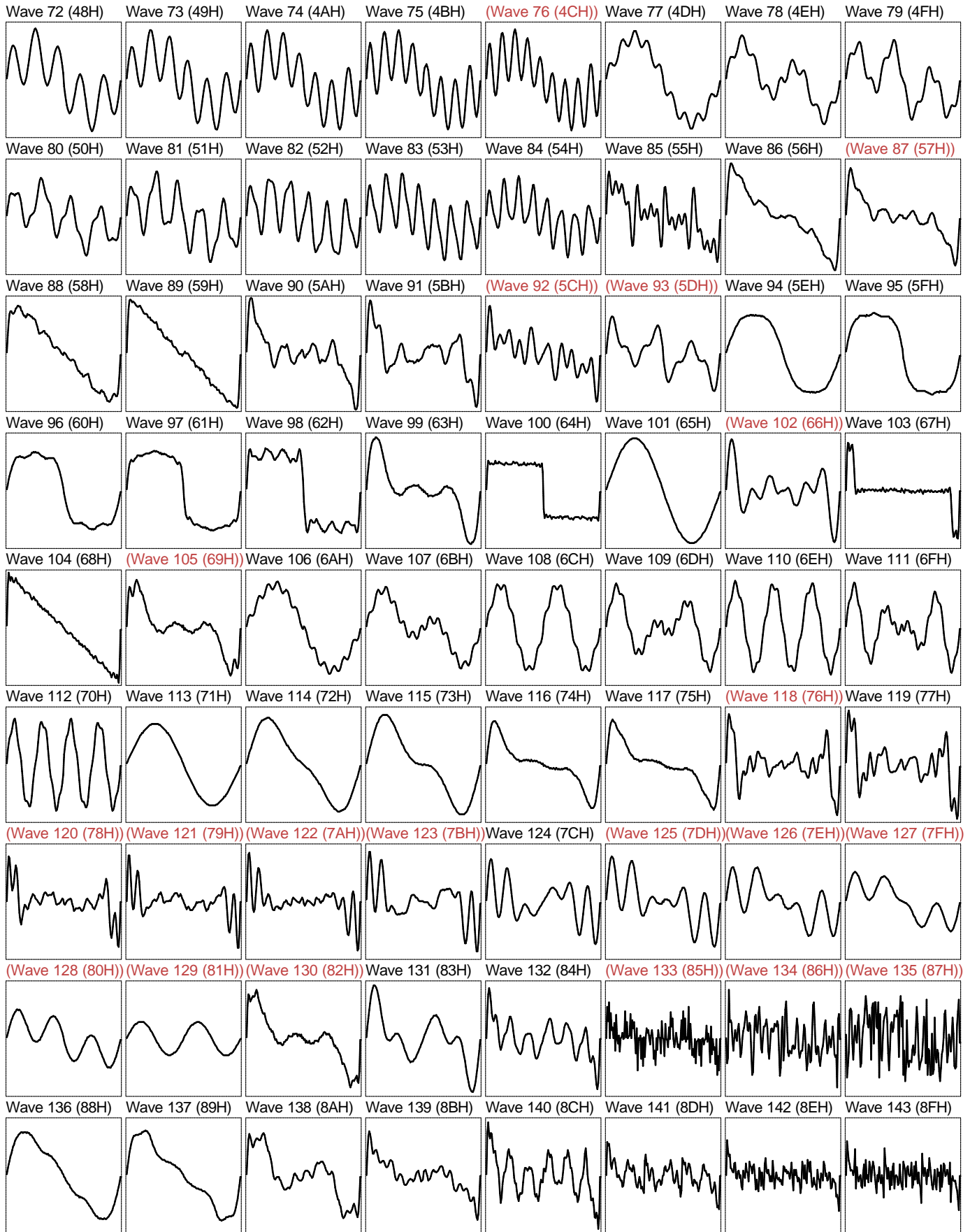
(Wave 248 (F8H)) (Wave 249 (F9H)) (Wave 250 (FAH)) (Wave 251 (FBH)) (Wave 252 (FCH)) (Wave 253 (FDH)) (Wave 254 (FEH)) (Wave 255 (FFH))



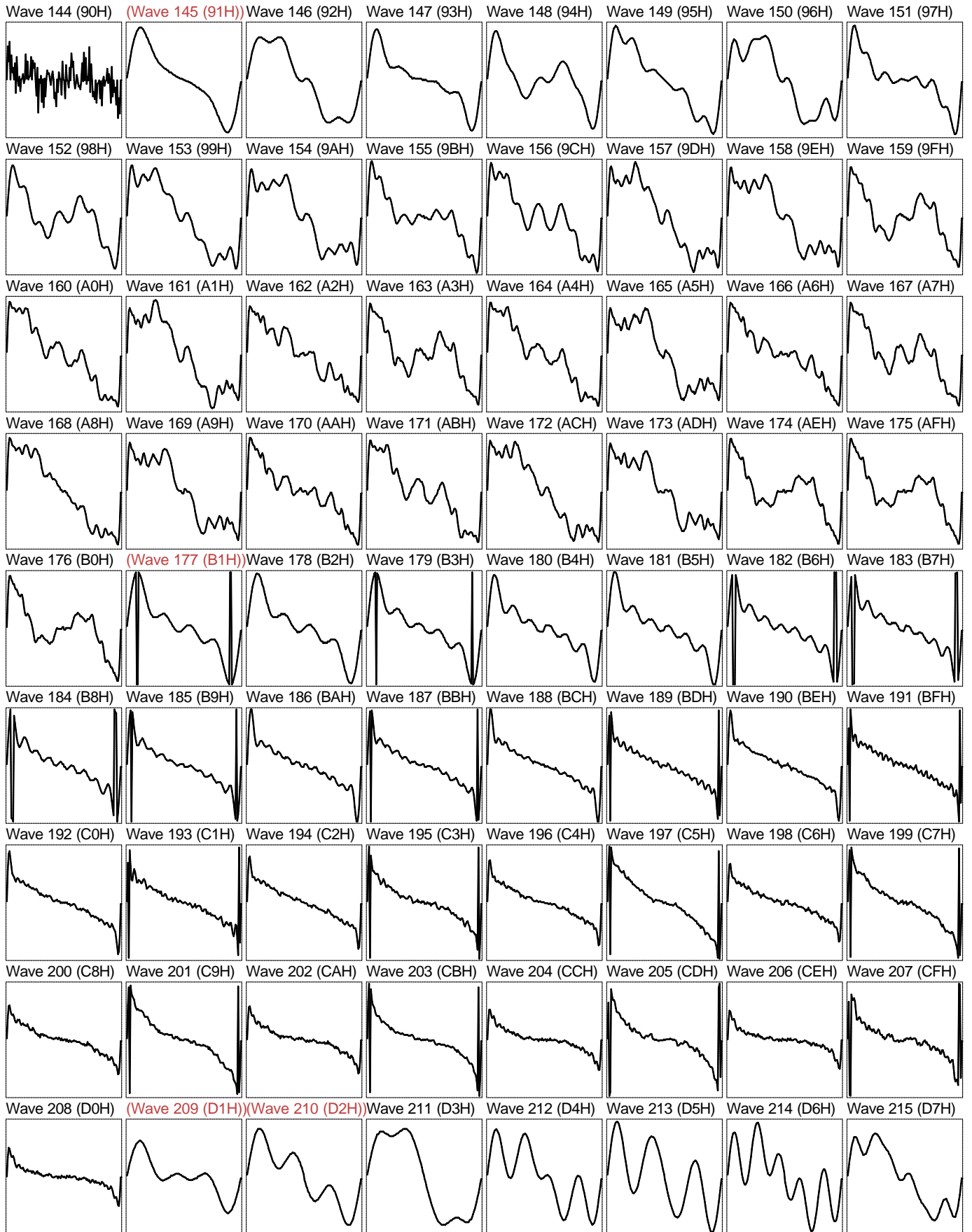
V6 All Waves



V6 All Waves

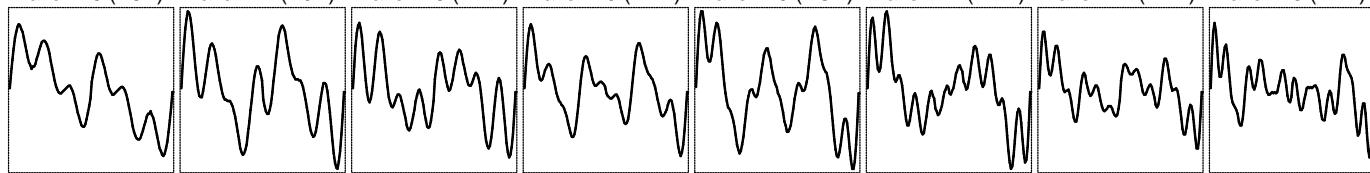


V6 All Waves

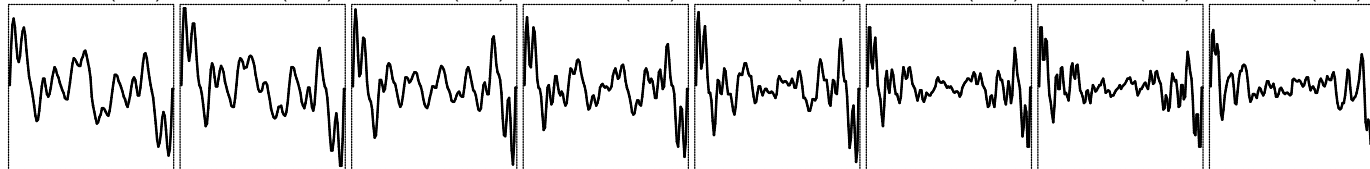


V6 All Waves

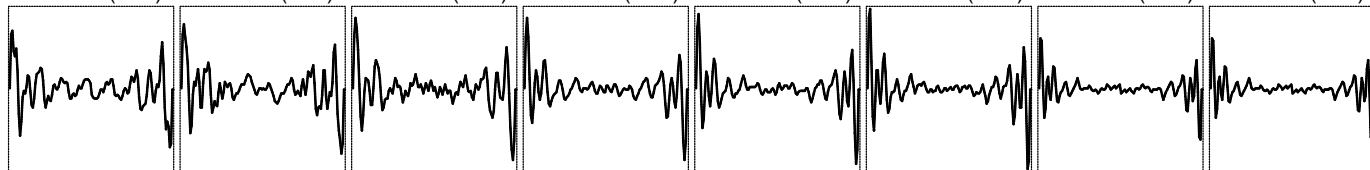
Wave 216 (D8H) Wave 217 (D9H) Wave 218 (DAH) Wave 219 (DBH) Wave 220 (DCH) Wave 221 (DDH) Wave 222 (DEH) Wave 223 (DFH)



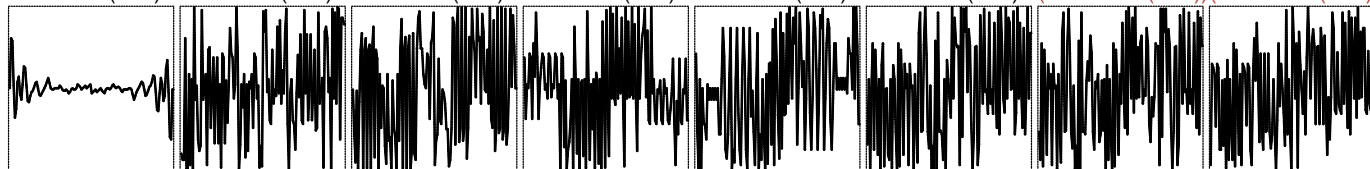
Wave 224 (E0H) Wave 225 (E1H) Wave 226 (E2H) Wave 227 (E3H) Wave 228 (E4H) Wave 229 (E5H) Wave 230 (E6H) Wave 231 (E7H)



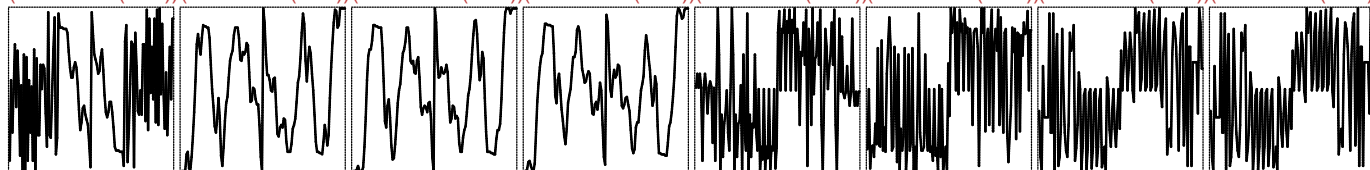
Wave 232 (E8H) Wave 233 (E9H) Wave 234 (EAH) Wave 235 (EBH) Wave 236 (ECH) Wave 237 (EDH) Wave 238 (EEH) Wave 239 (EFH)



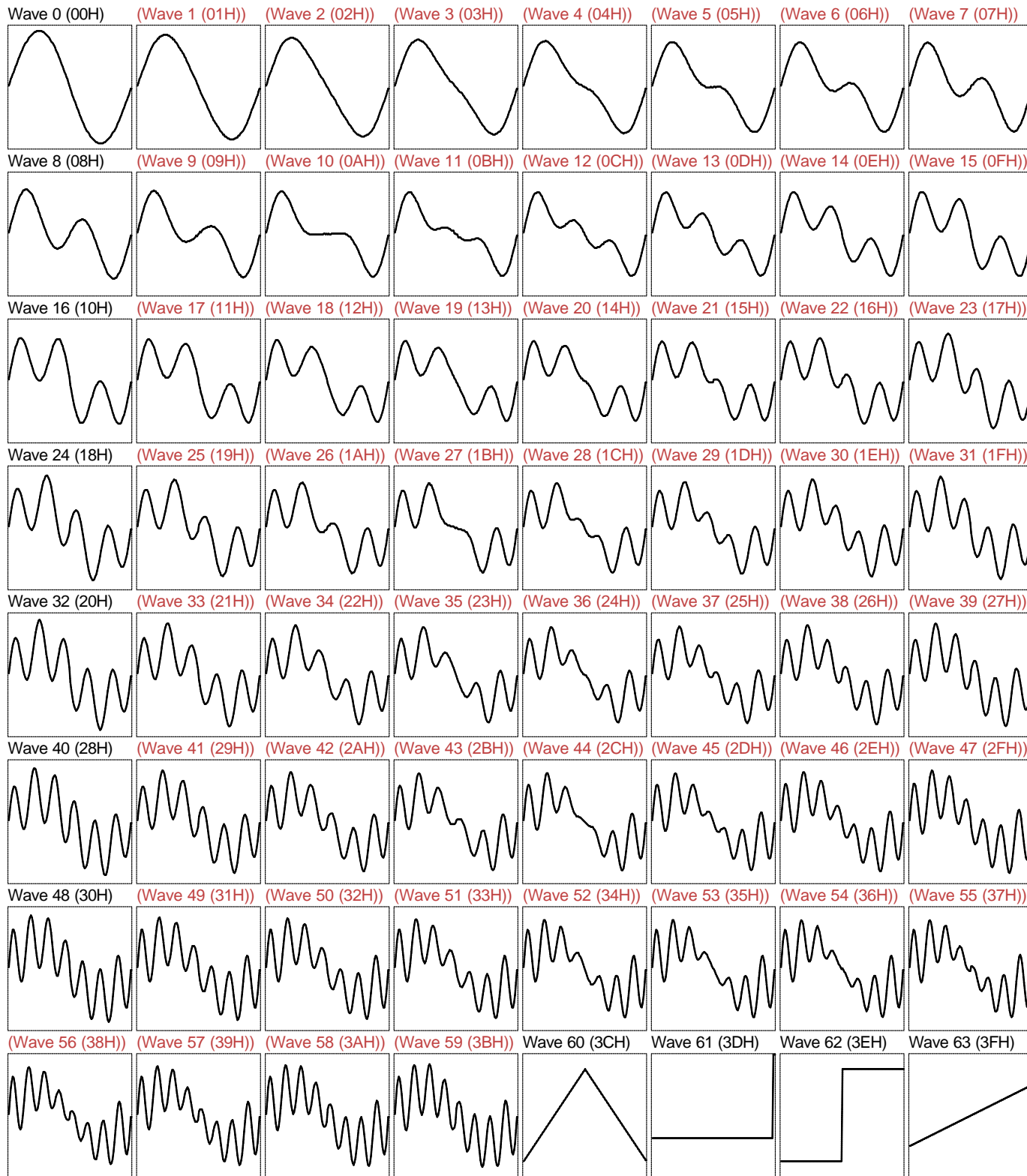
Wave 240 (F0H) Wave 241 (F1H) Wave 242 (F2H) Wave 243 (F3H) Wave 244 (F4H) Wave 245 (F5H) (Wave 246 (F6H)) (Wave 247 (F7H))



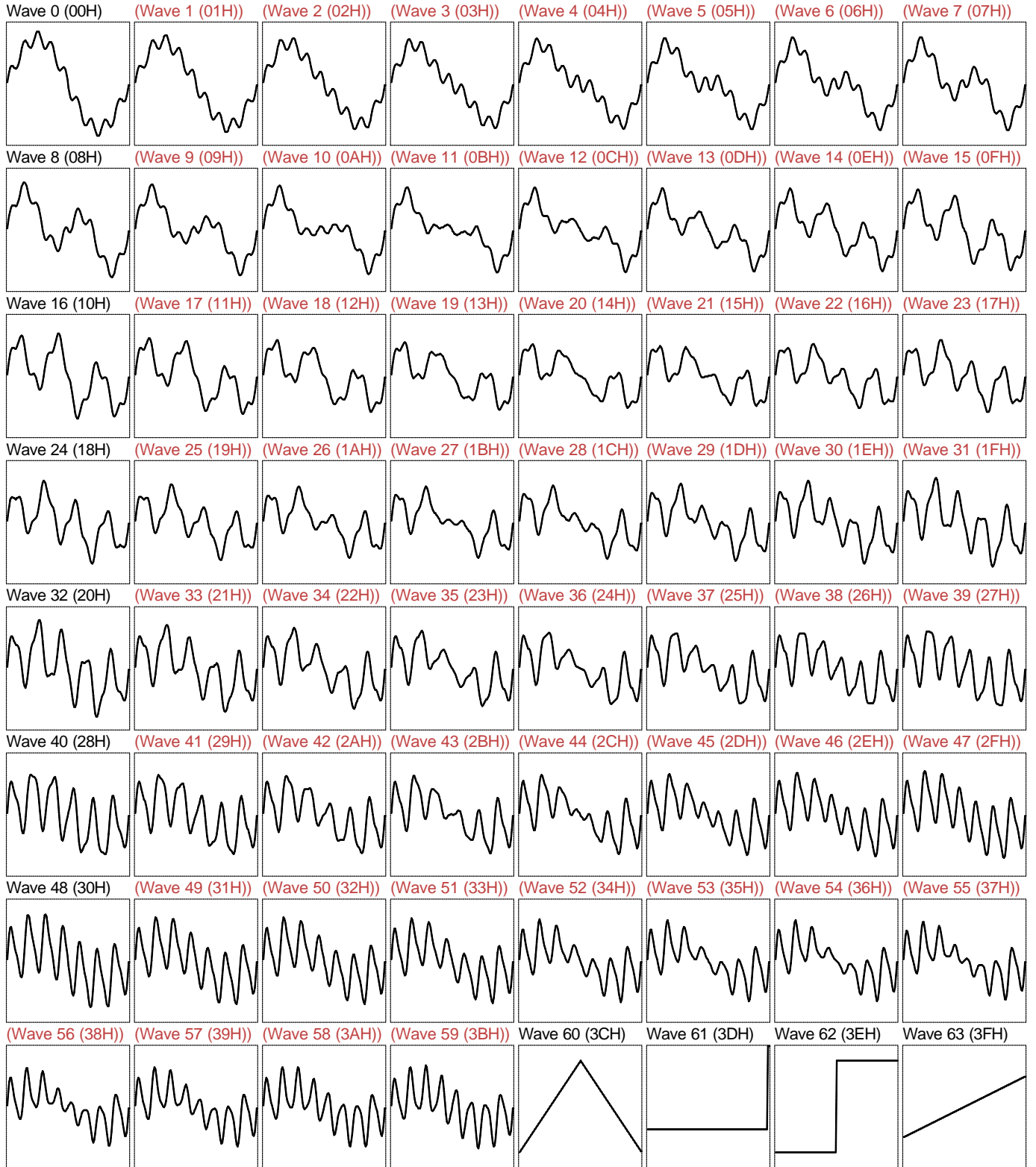
(Wave 248 (F8H)) (Wave 249 (F9H)) (Wave 250 (FAH)) (Wave 251 (FBH)) (Wave 252 (FCH)) (Wave 253 (FDH)) (Wave 254 (FEH)) (Wave 255 (FFH))



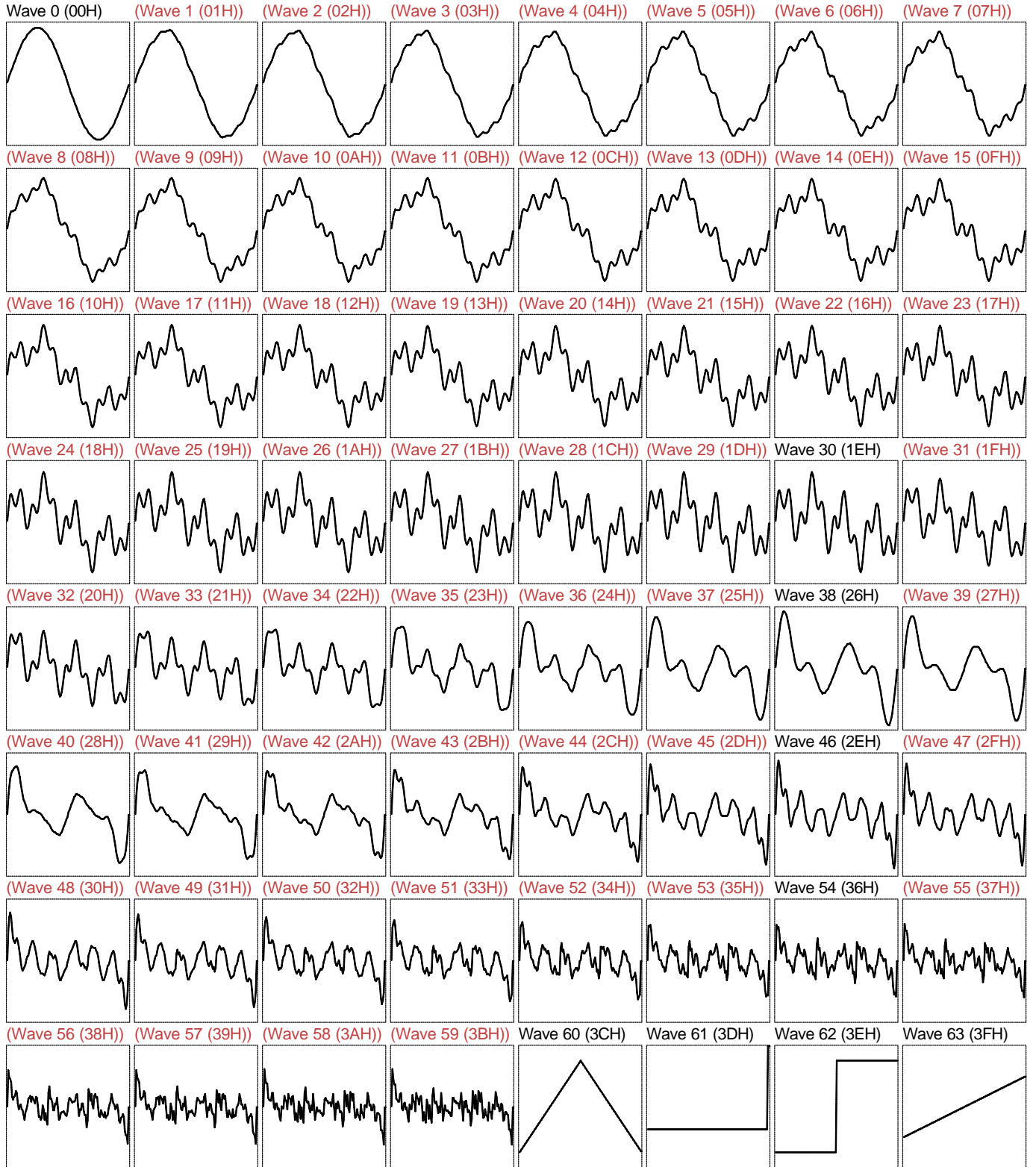
V4 Wavetable 0



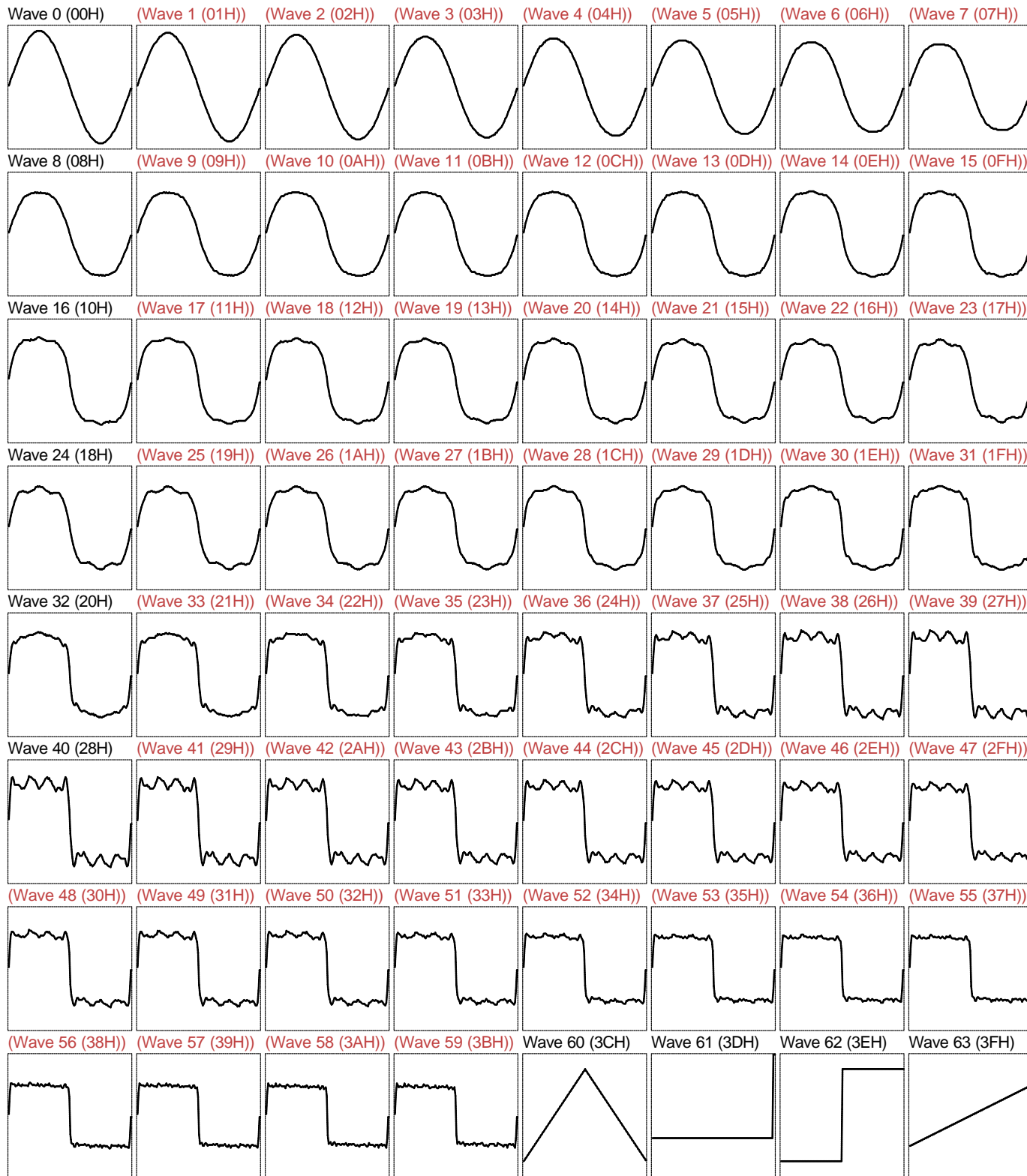
V4 Wavetable 1



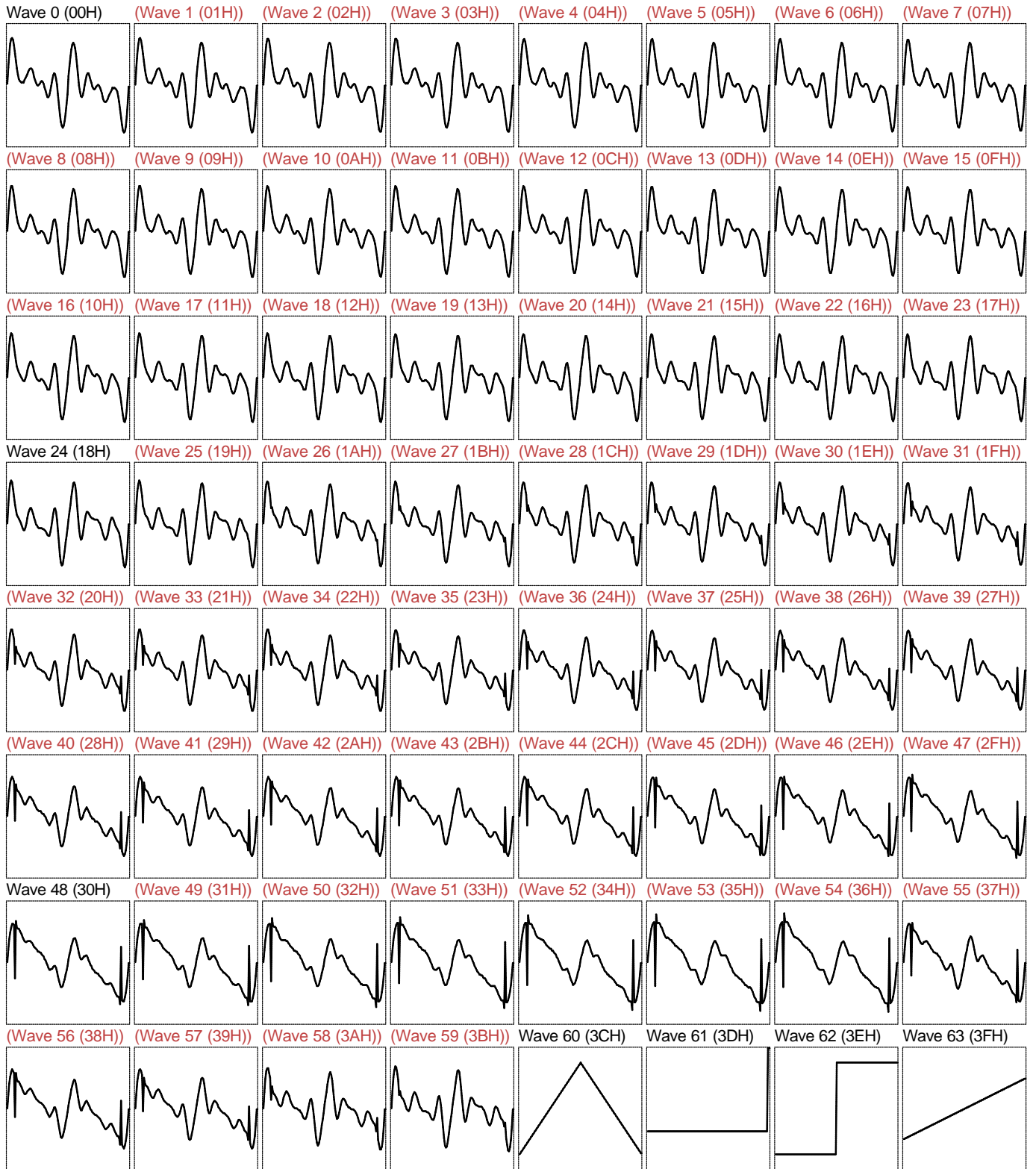
V4 Wavetable 2



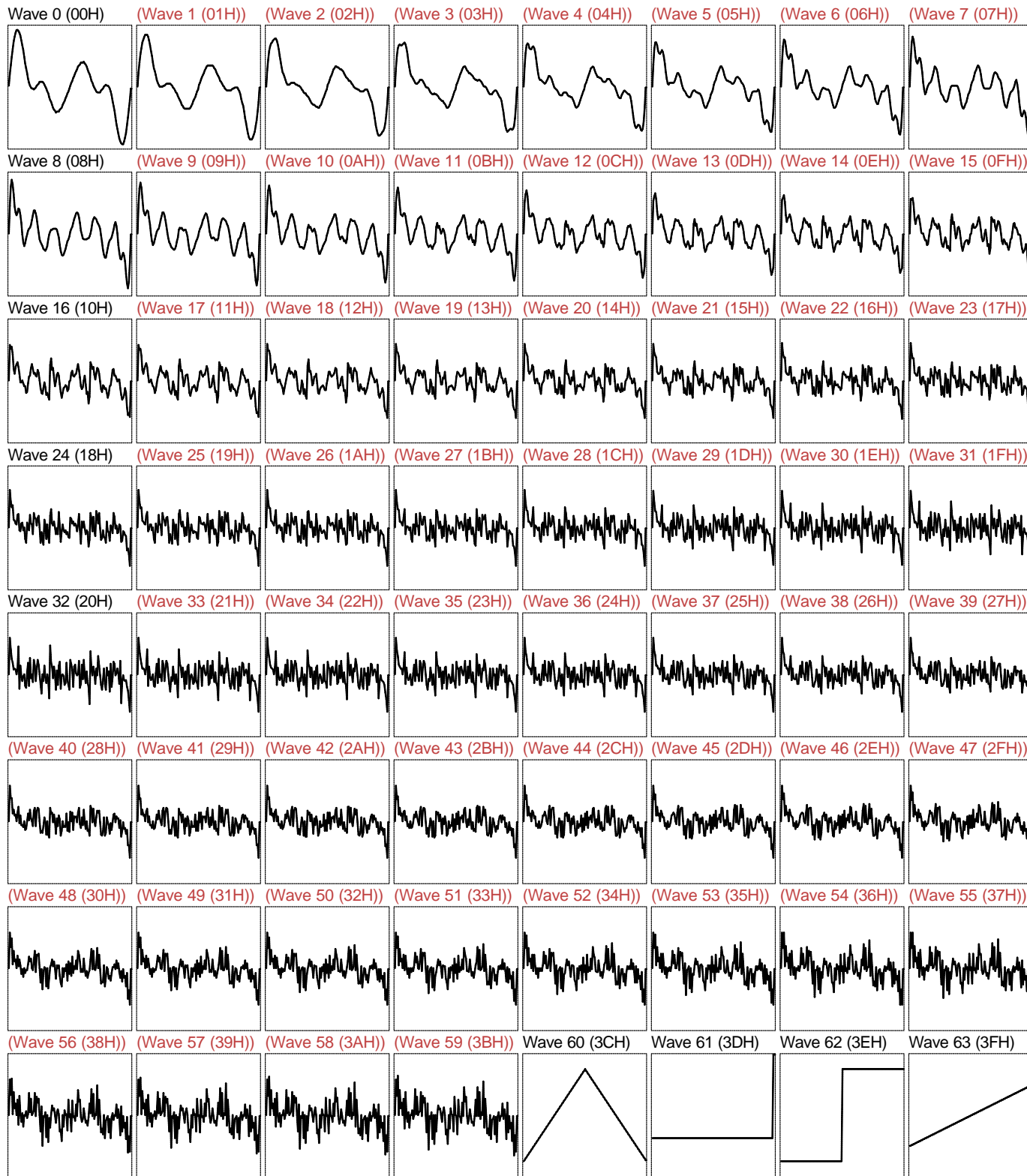
V4 Wavetable 3



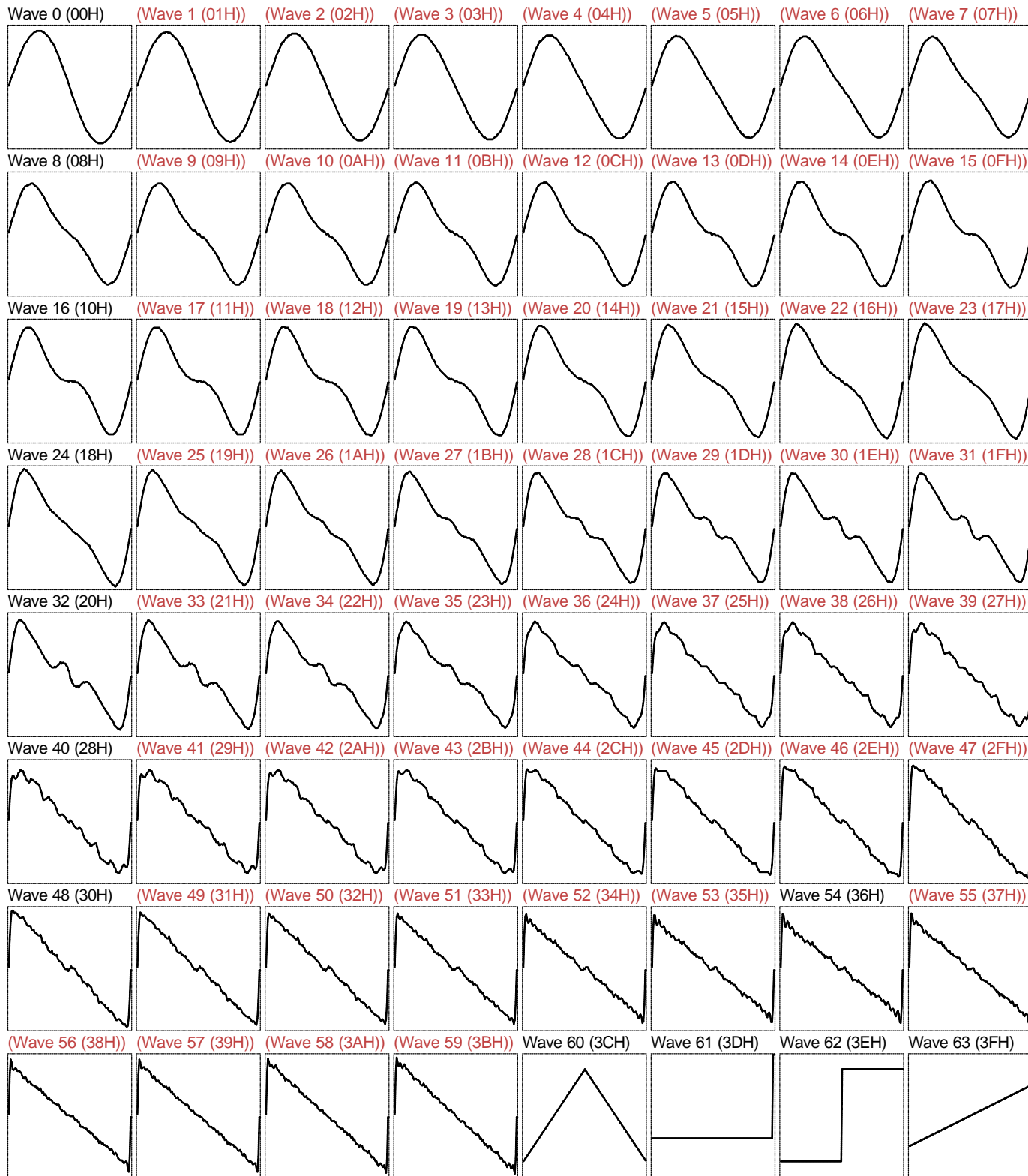
V4 Wavetable 4



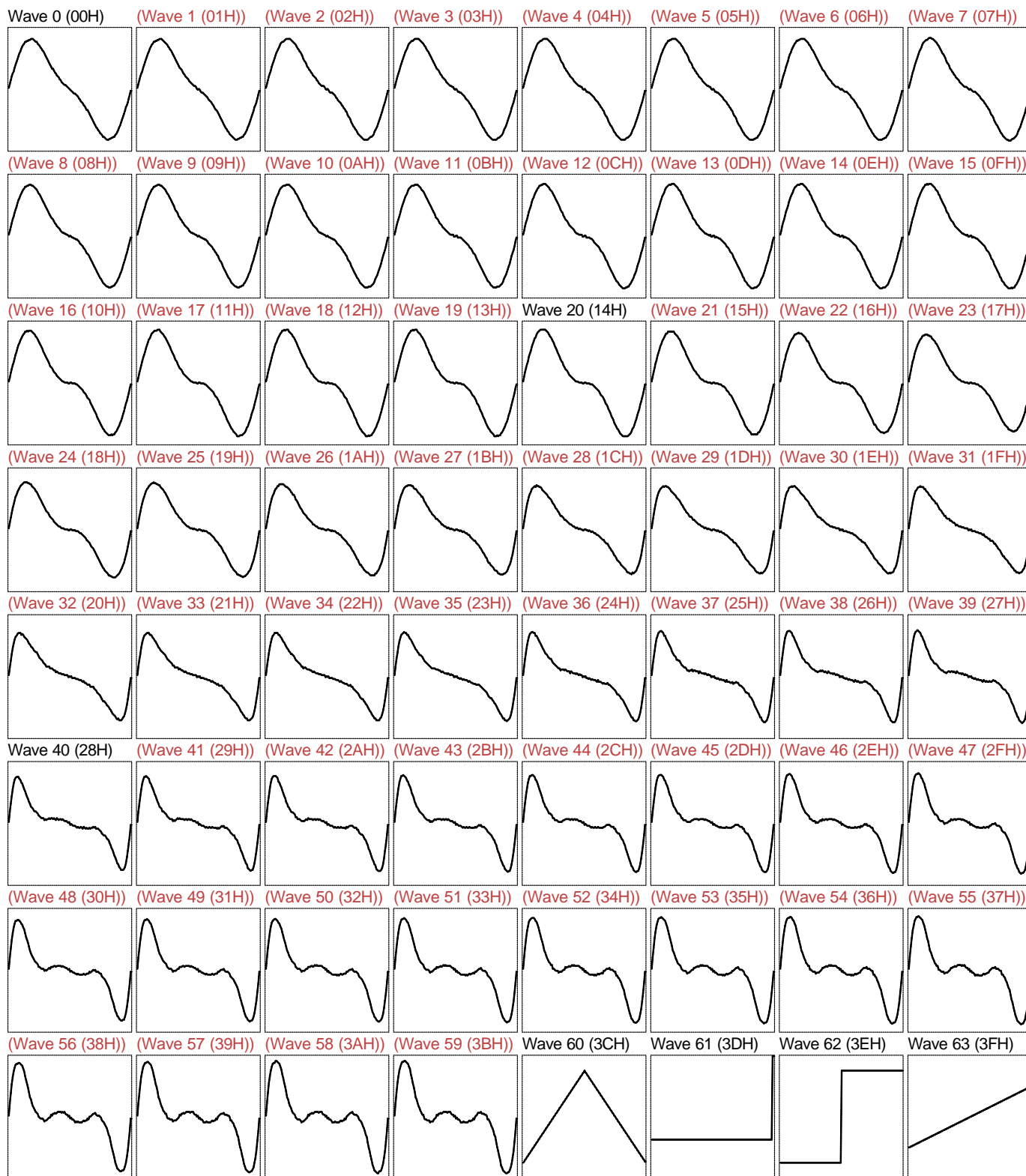
V4 Wavetable 5



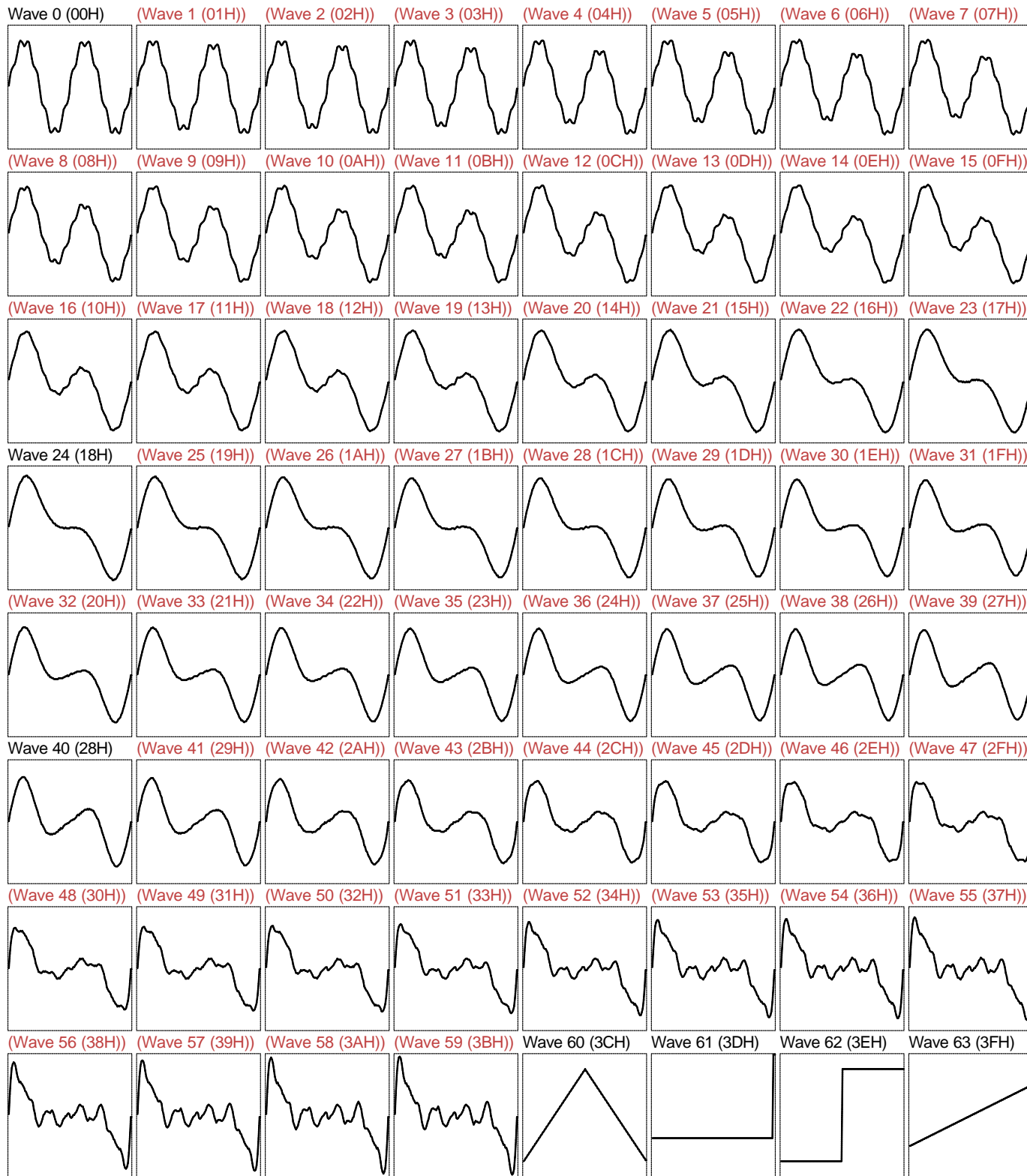
V4 Wavetable 6



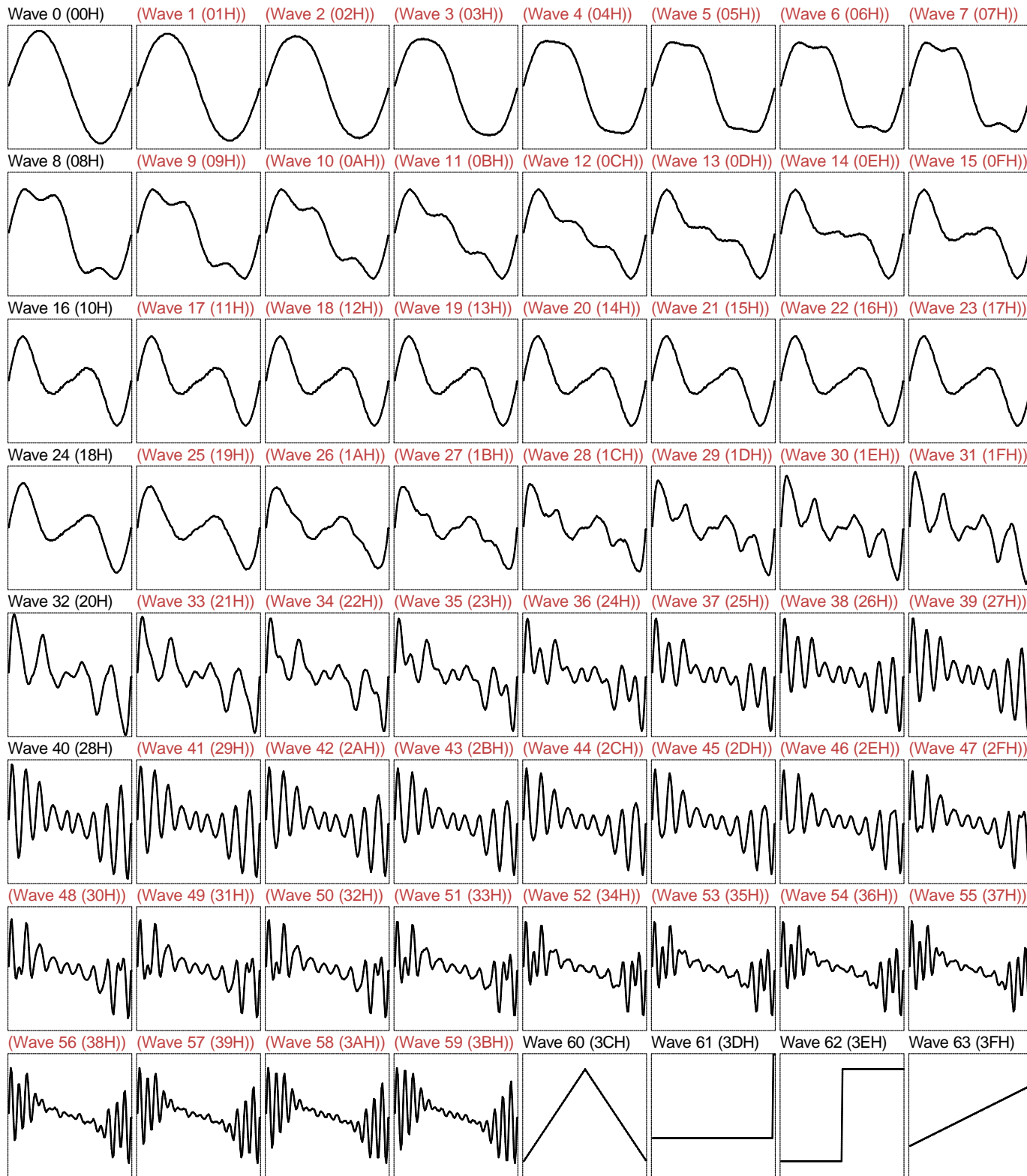
V4 Wavetable 7



V4 Wavetable 8



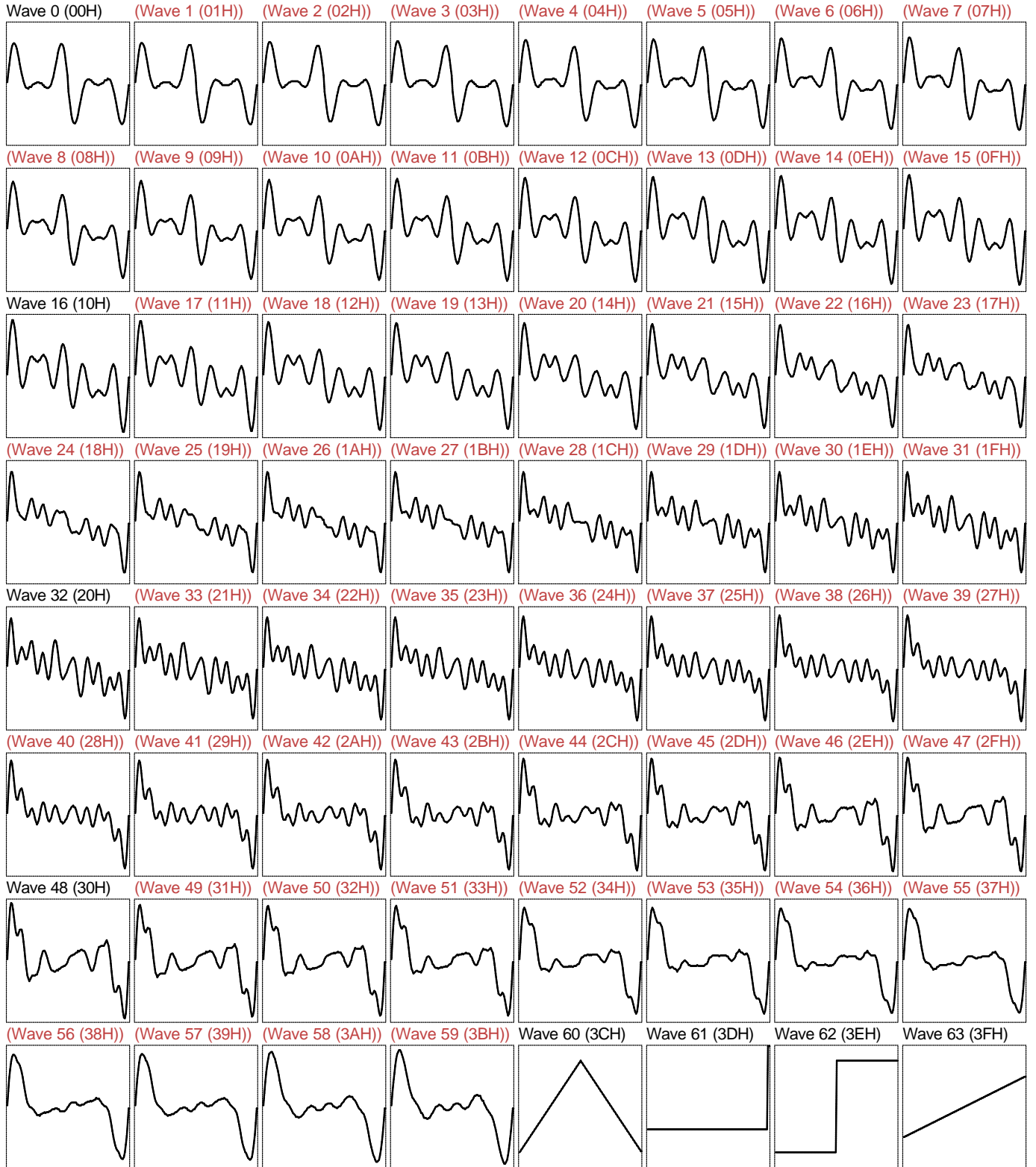
V4 Wavetable 9



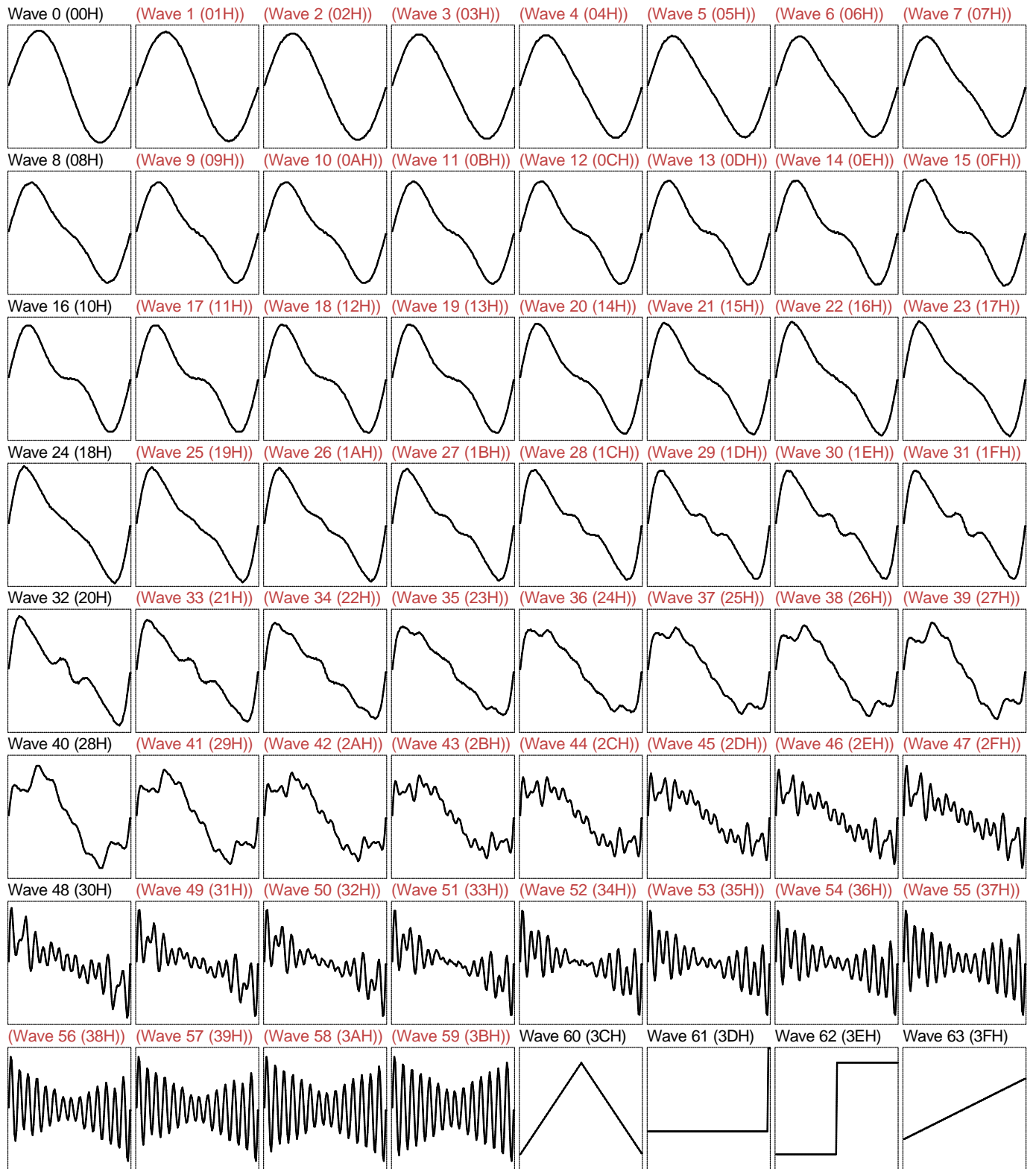
V4 Wavetable 10



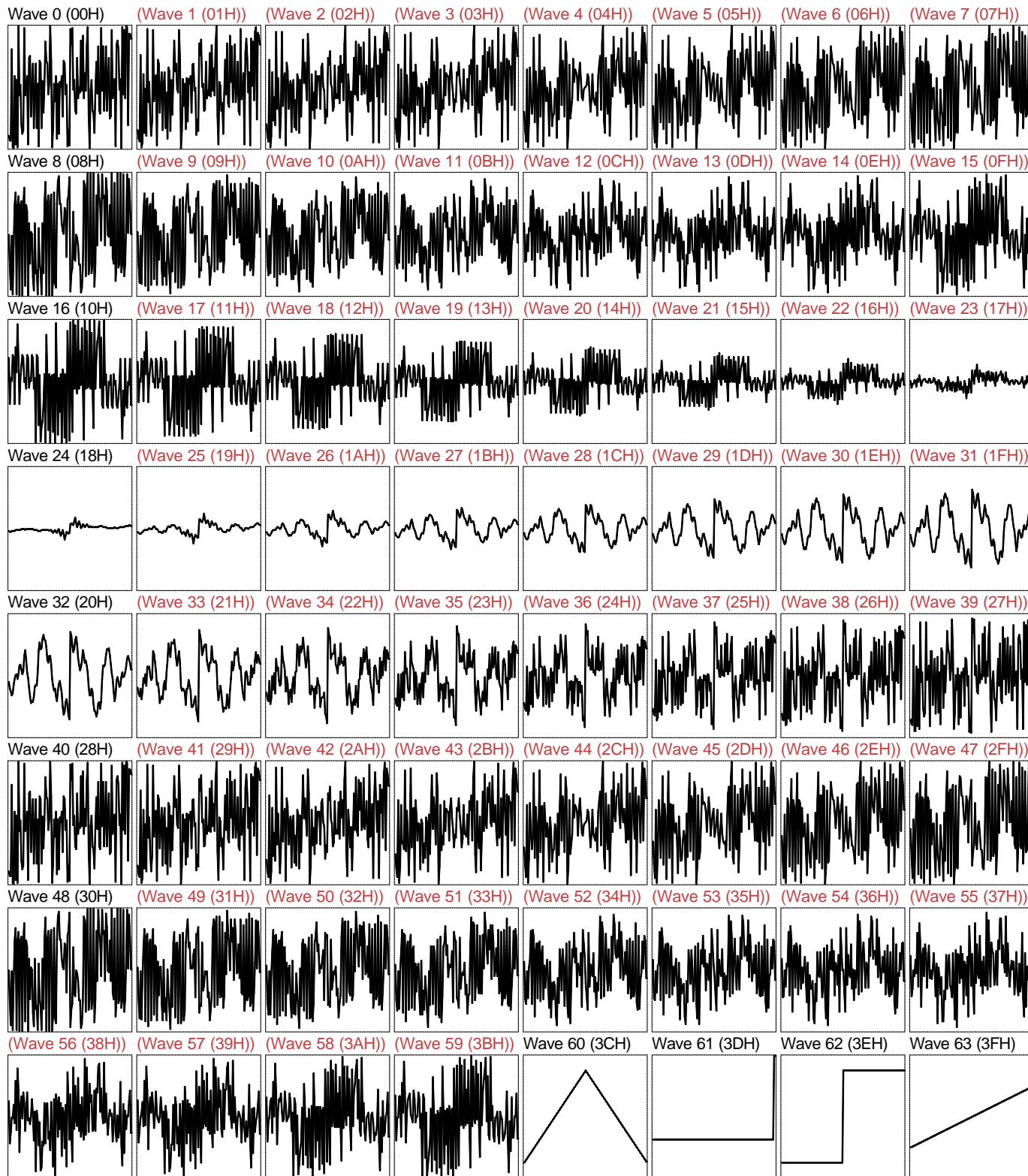
V4 Wavetable 11



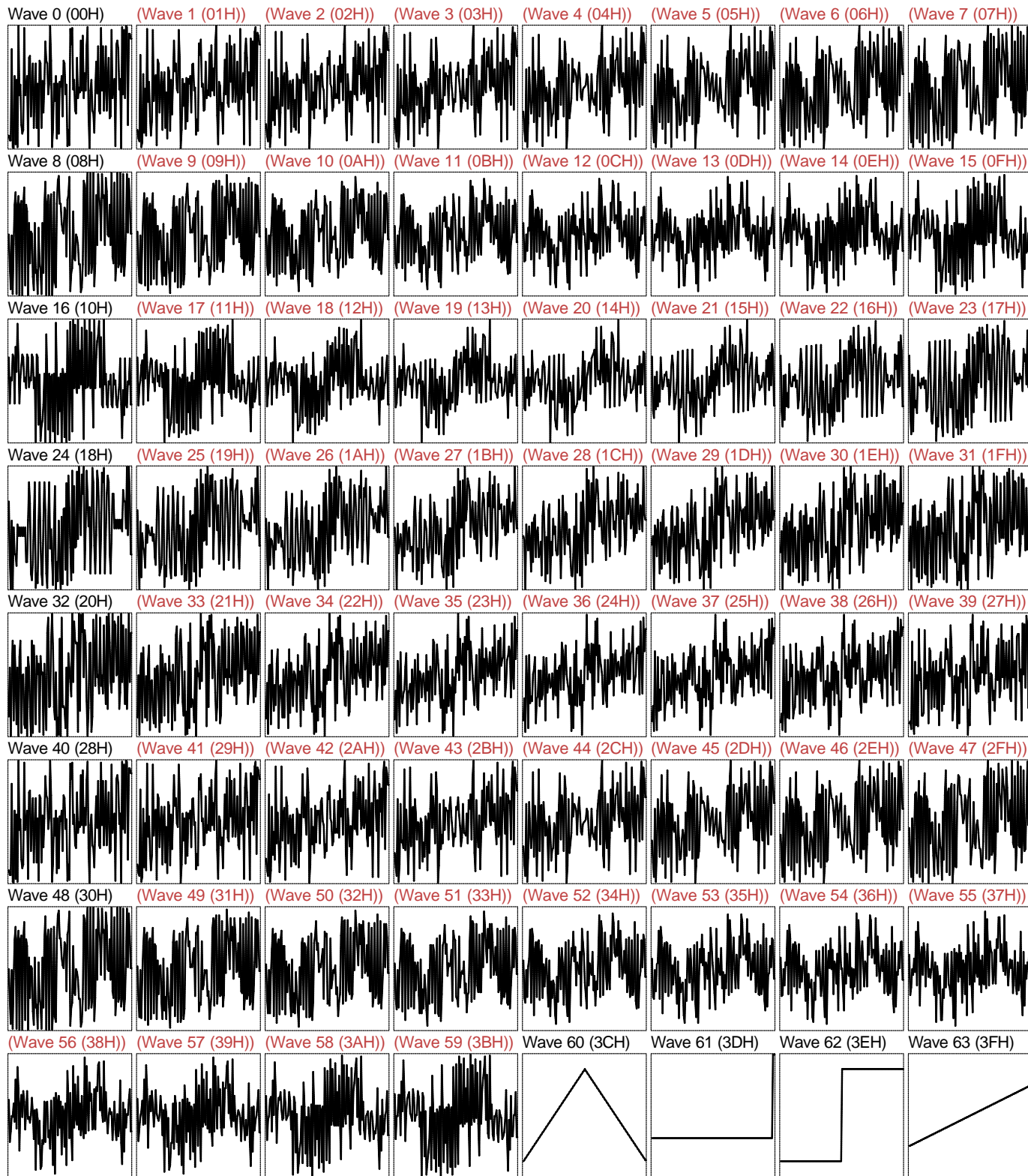
V4 Wavetable 12



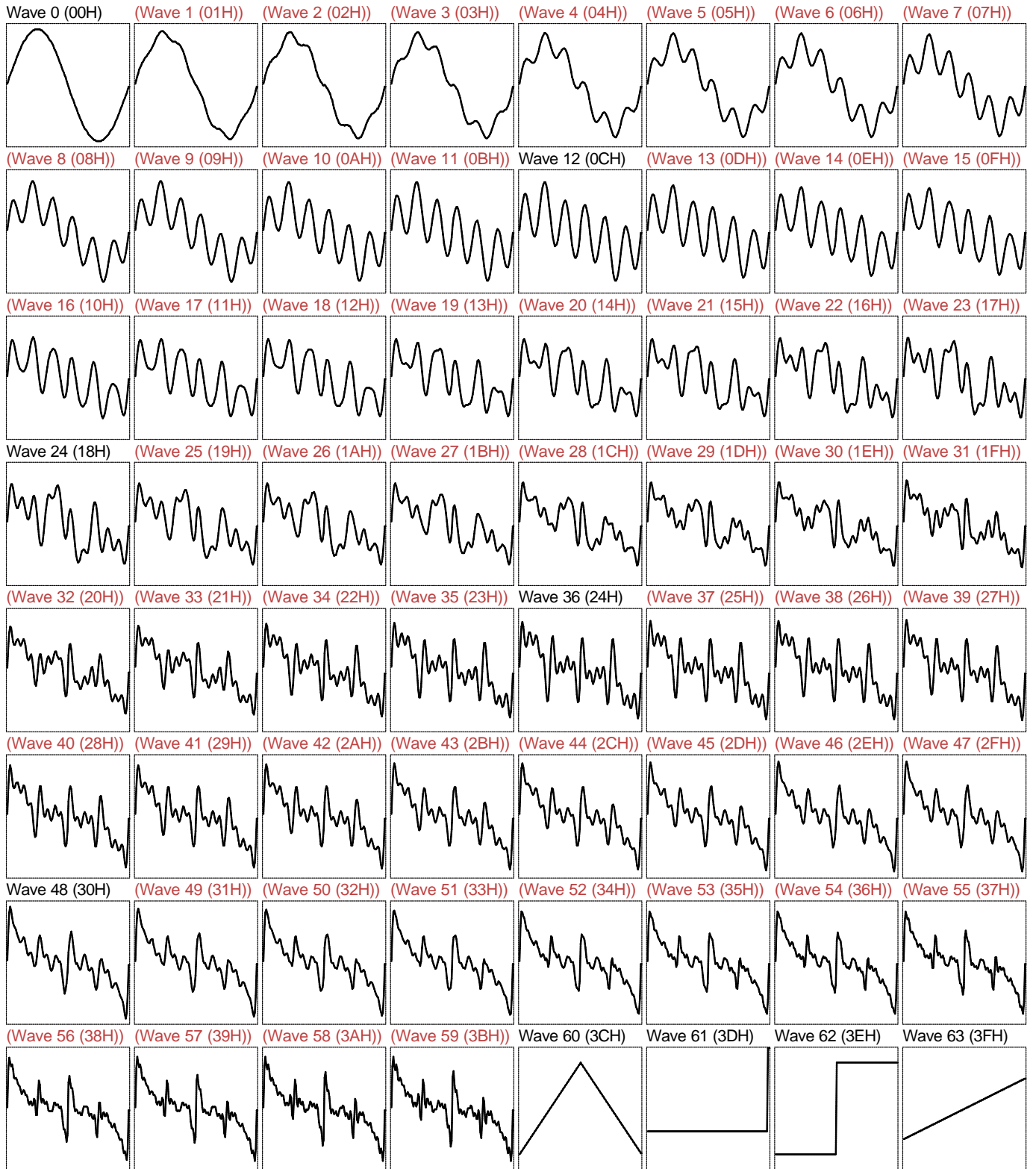
V4 Wavetable 13



V6 Wavetable 13



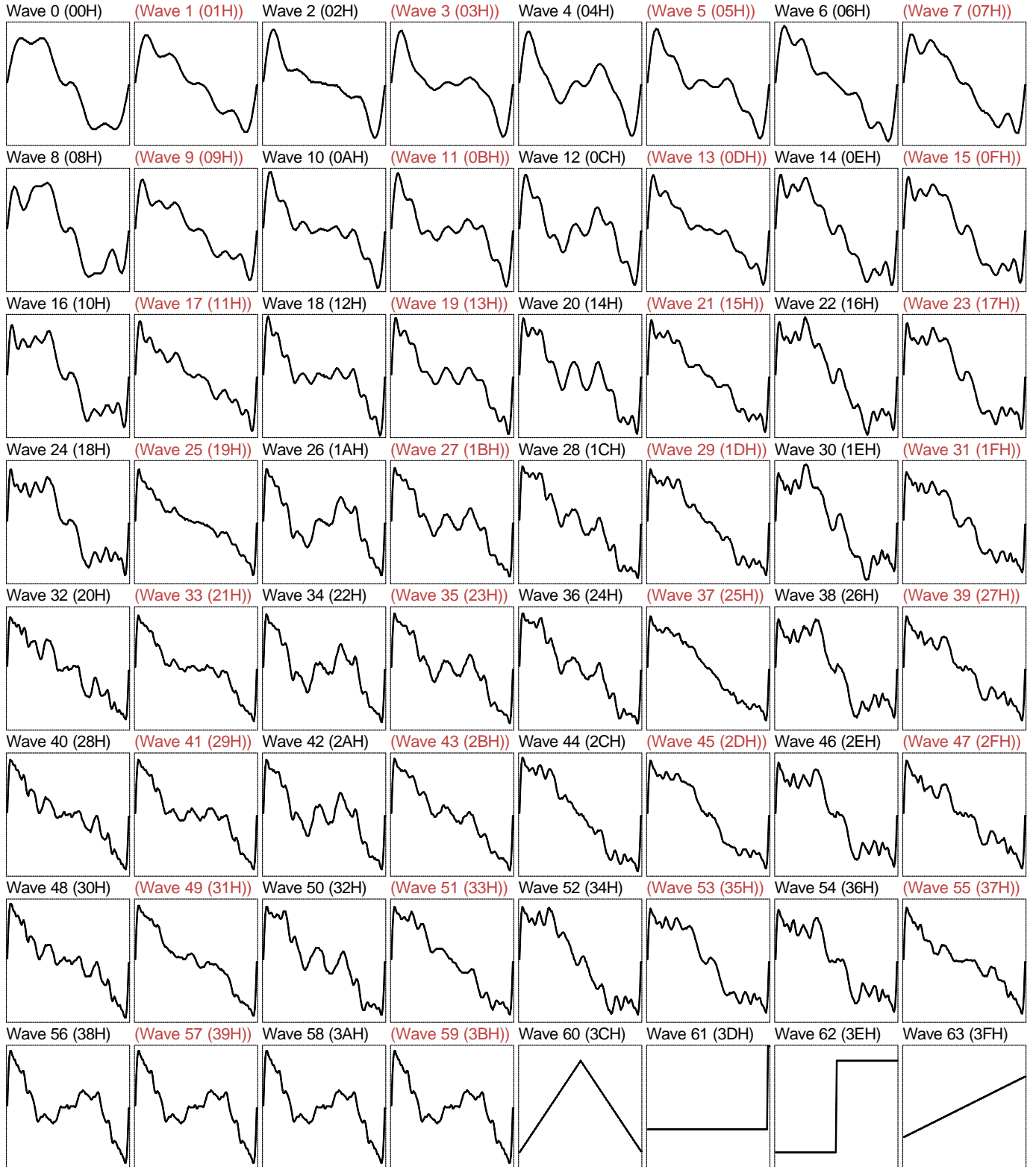
V4 Wavetable 14



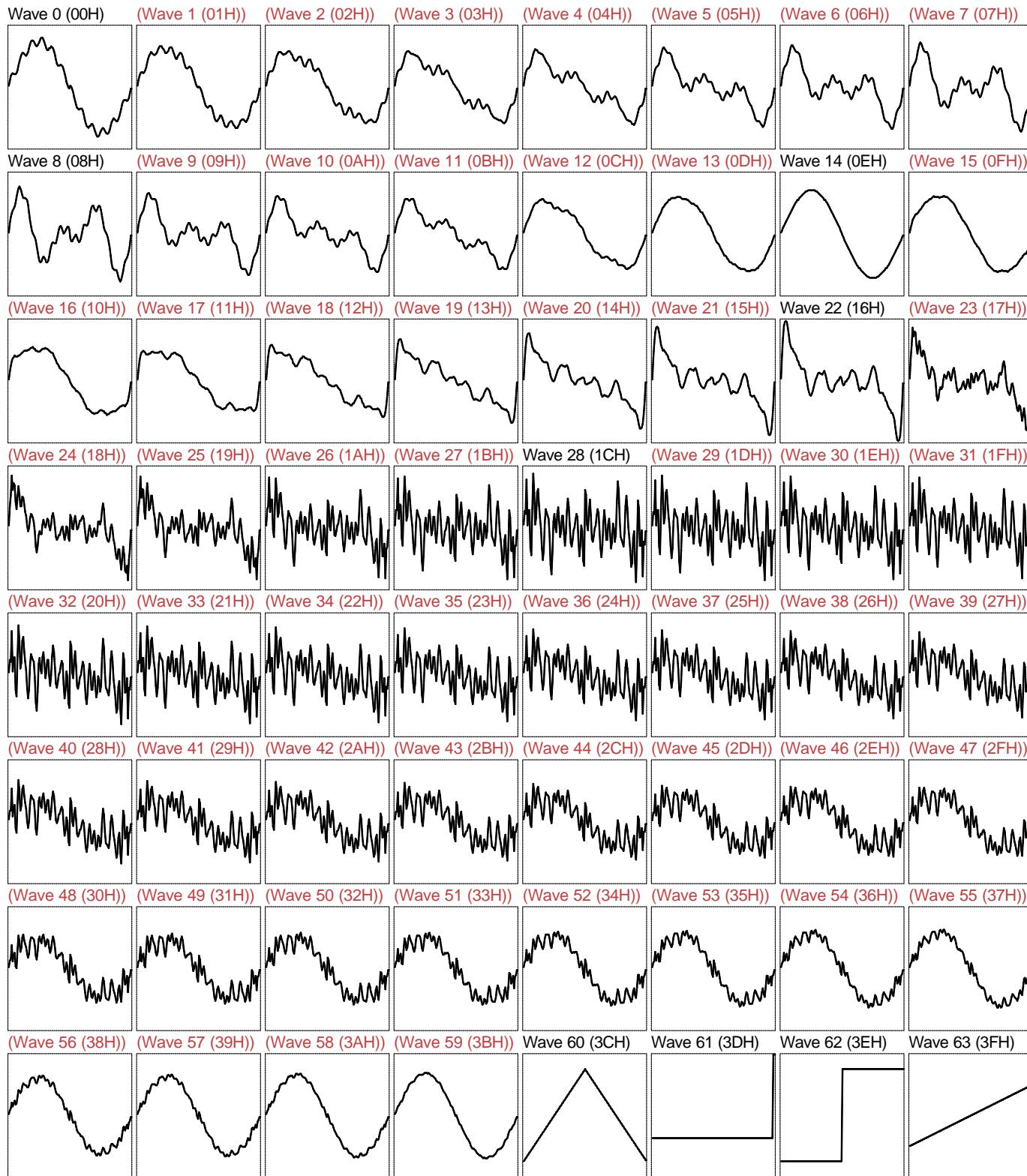
V4 Wavetable 15



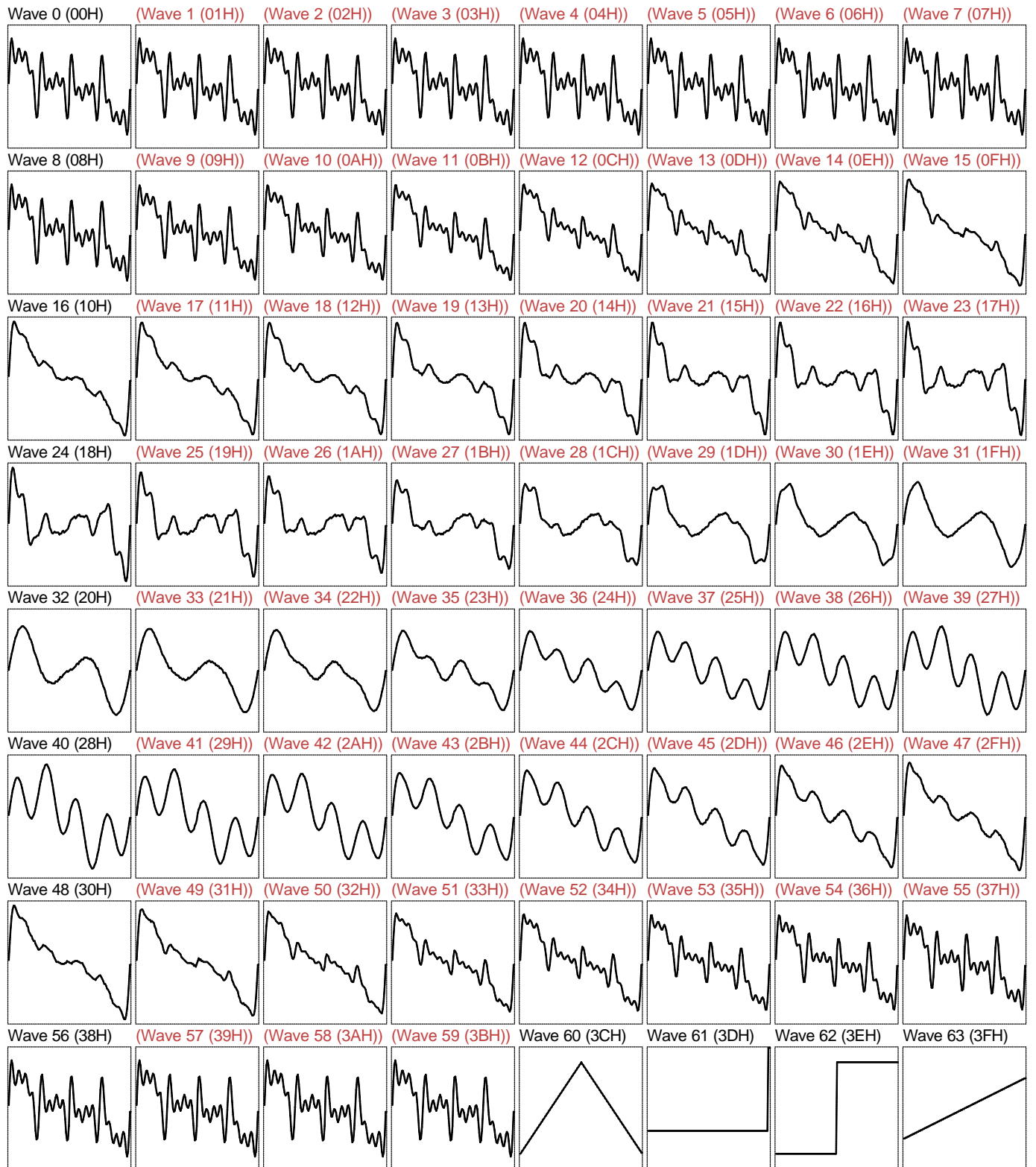
V4 Wavetable 16



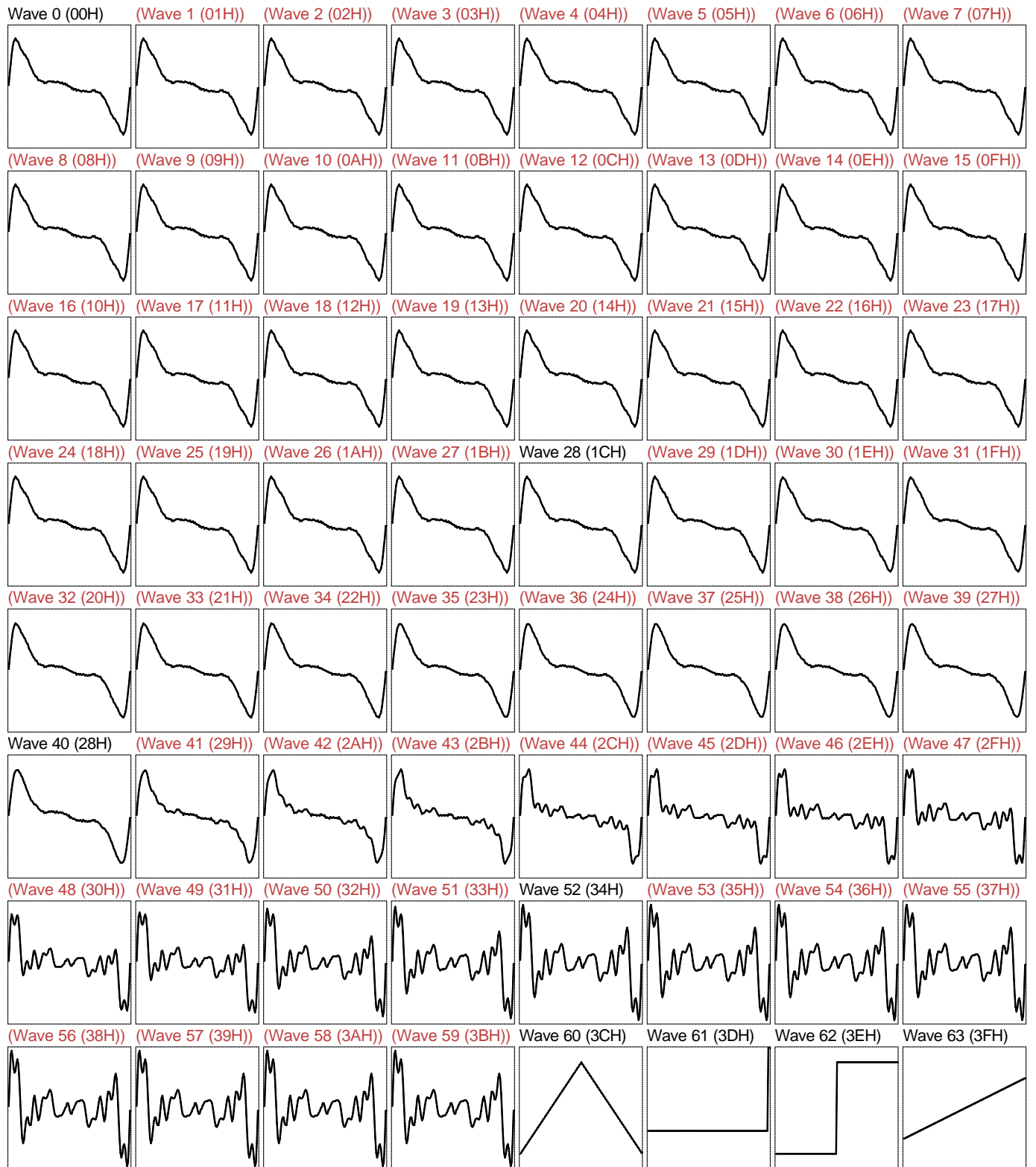
V4 Wavetable 17



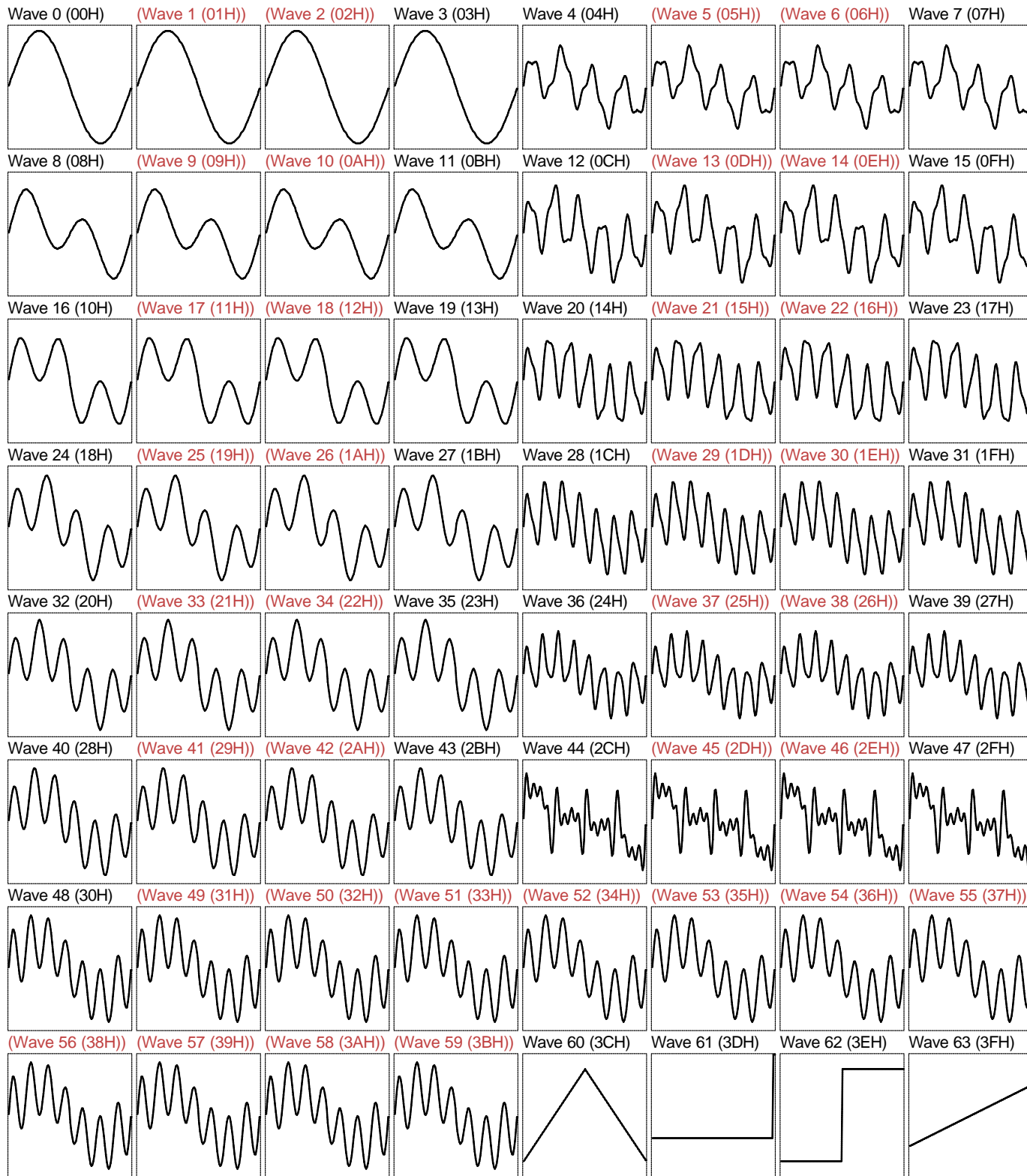
V4 Wavetable 18



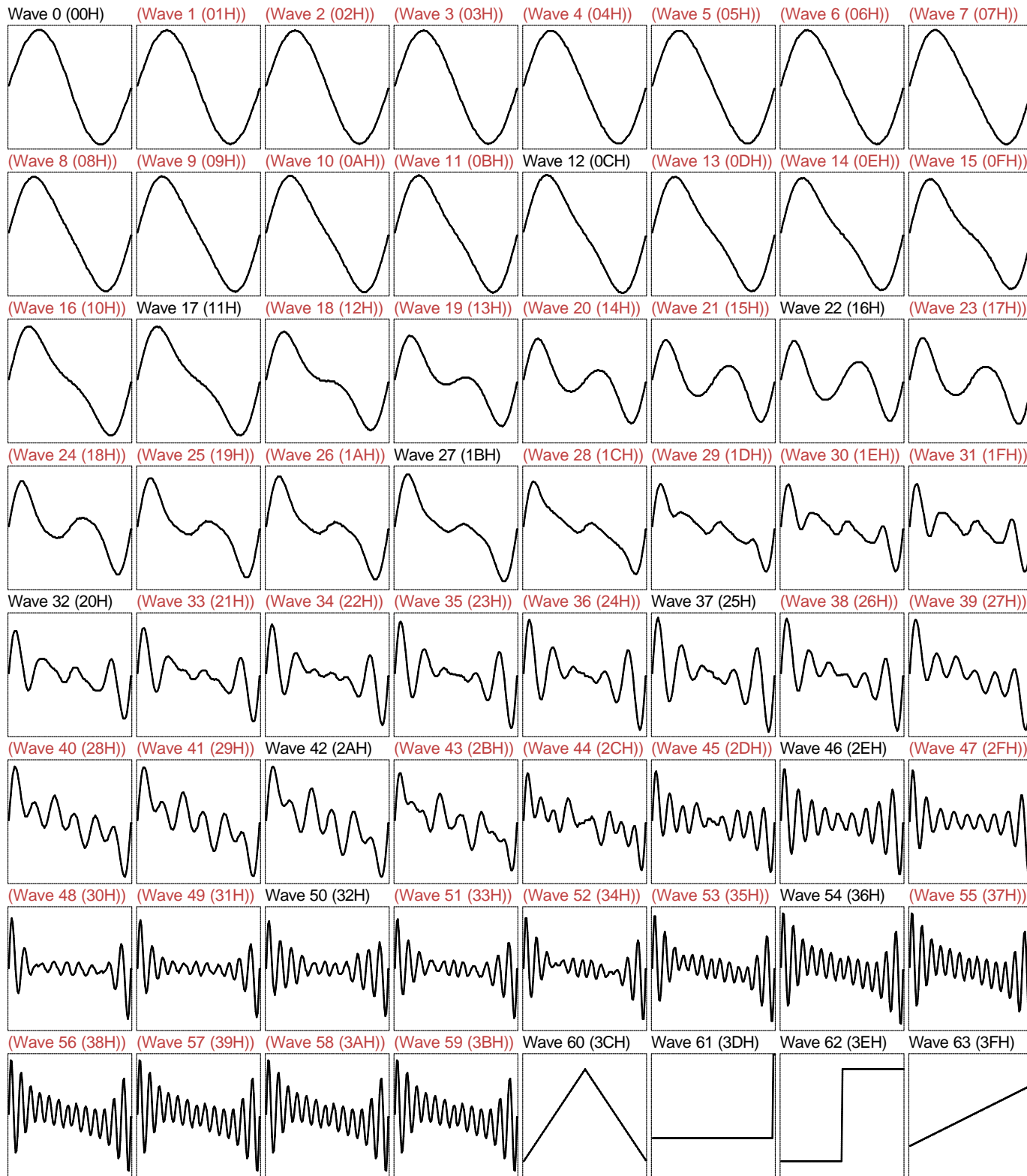
V4 Wavetable 19



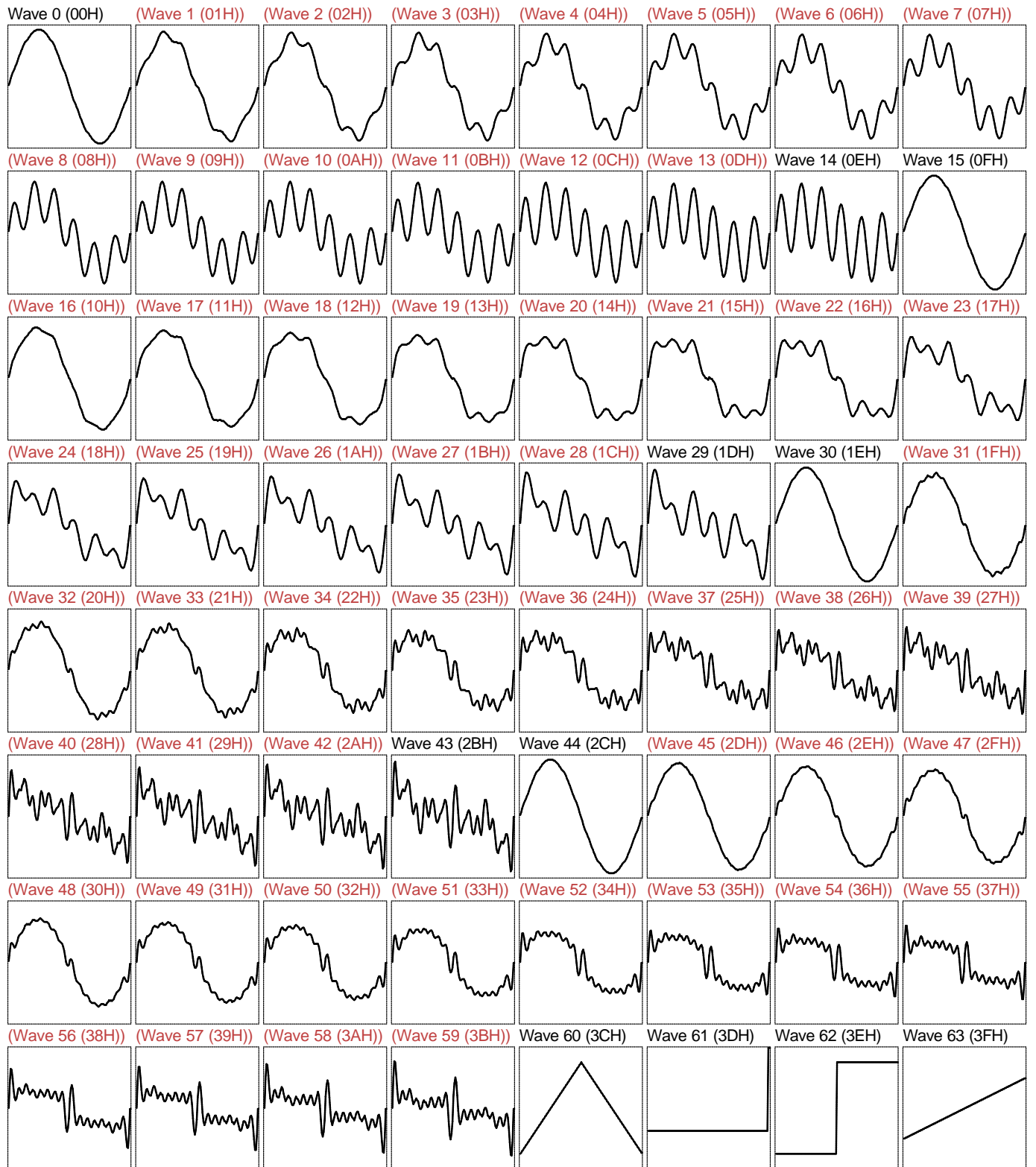
V4 Wavetable 20



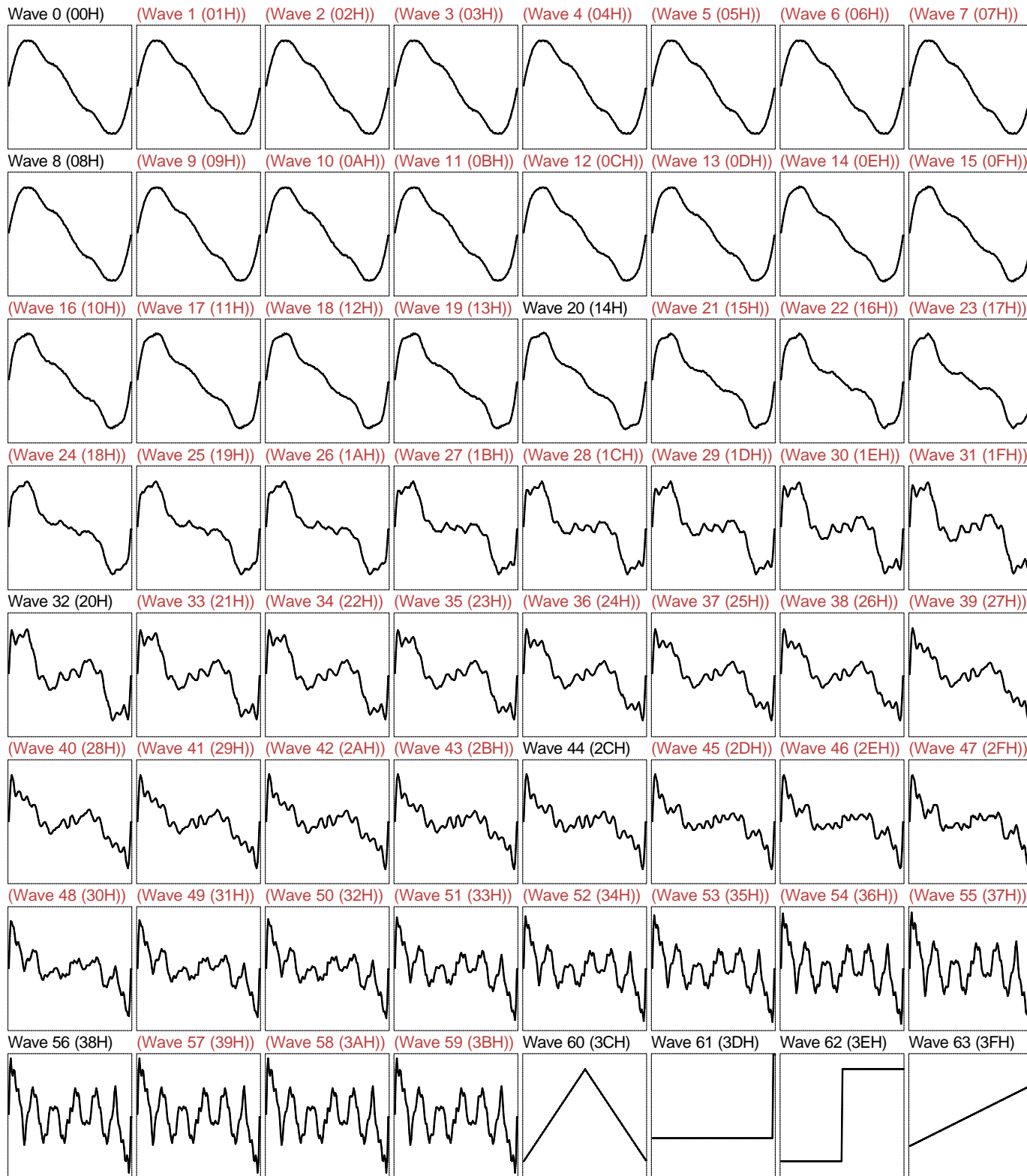
V4 Wavetable 21



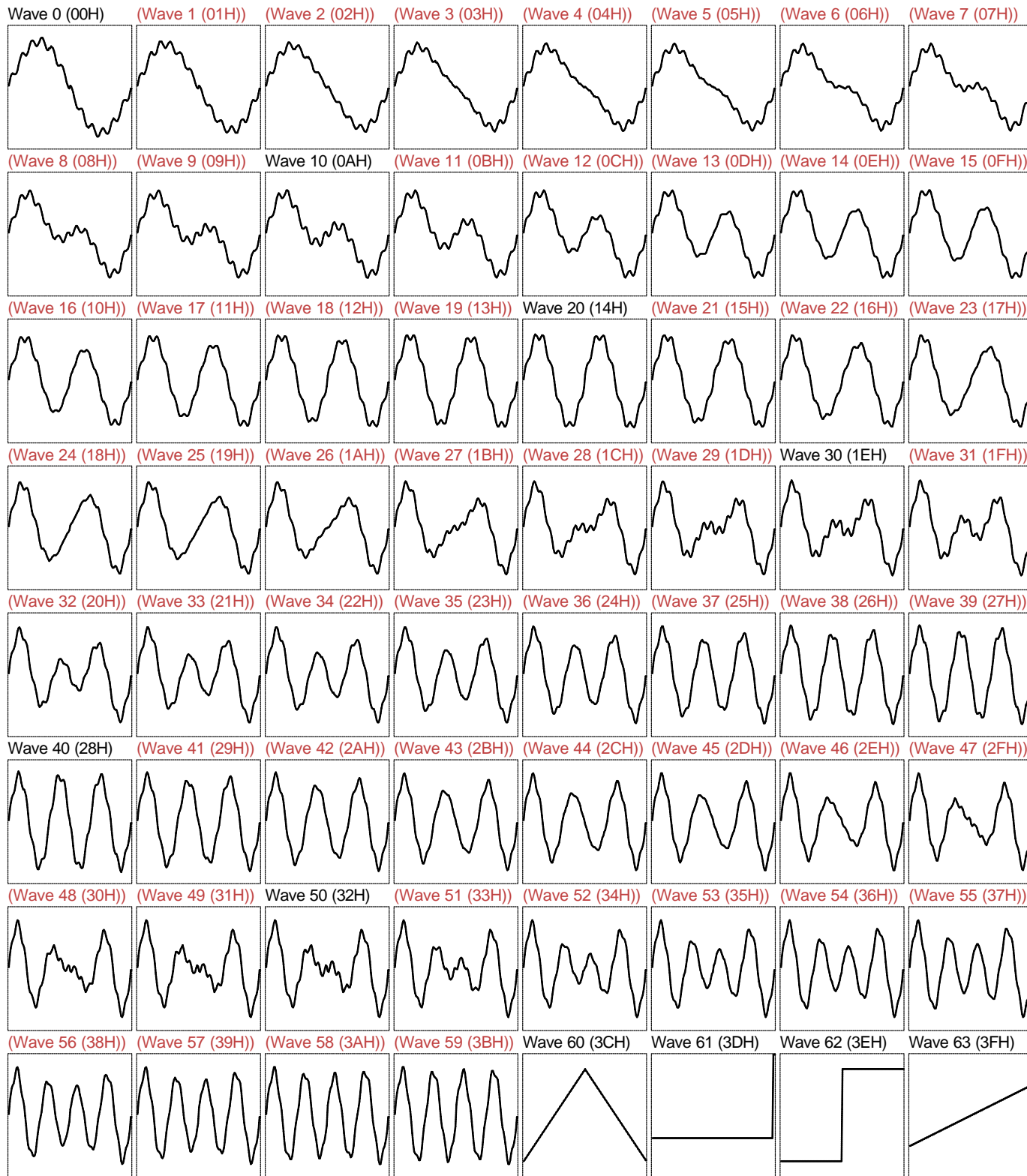
V4 Wavetable 22



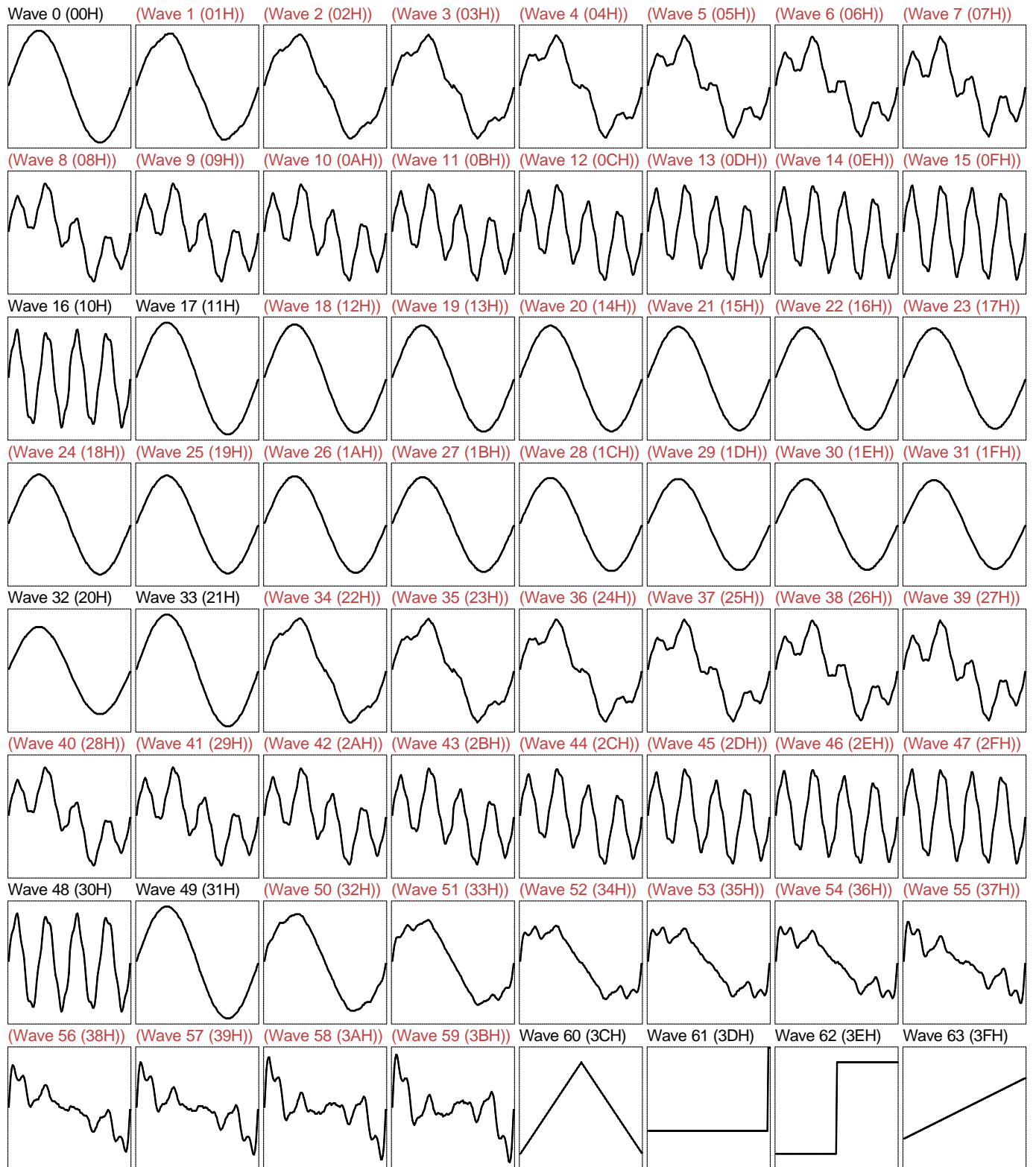
V4 Wavetable 23



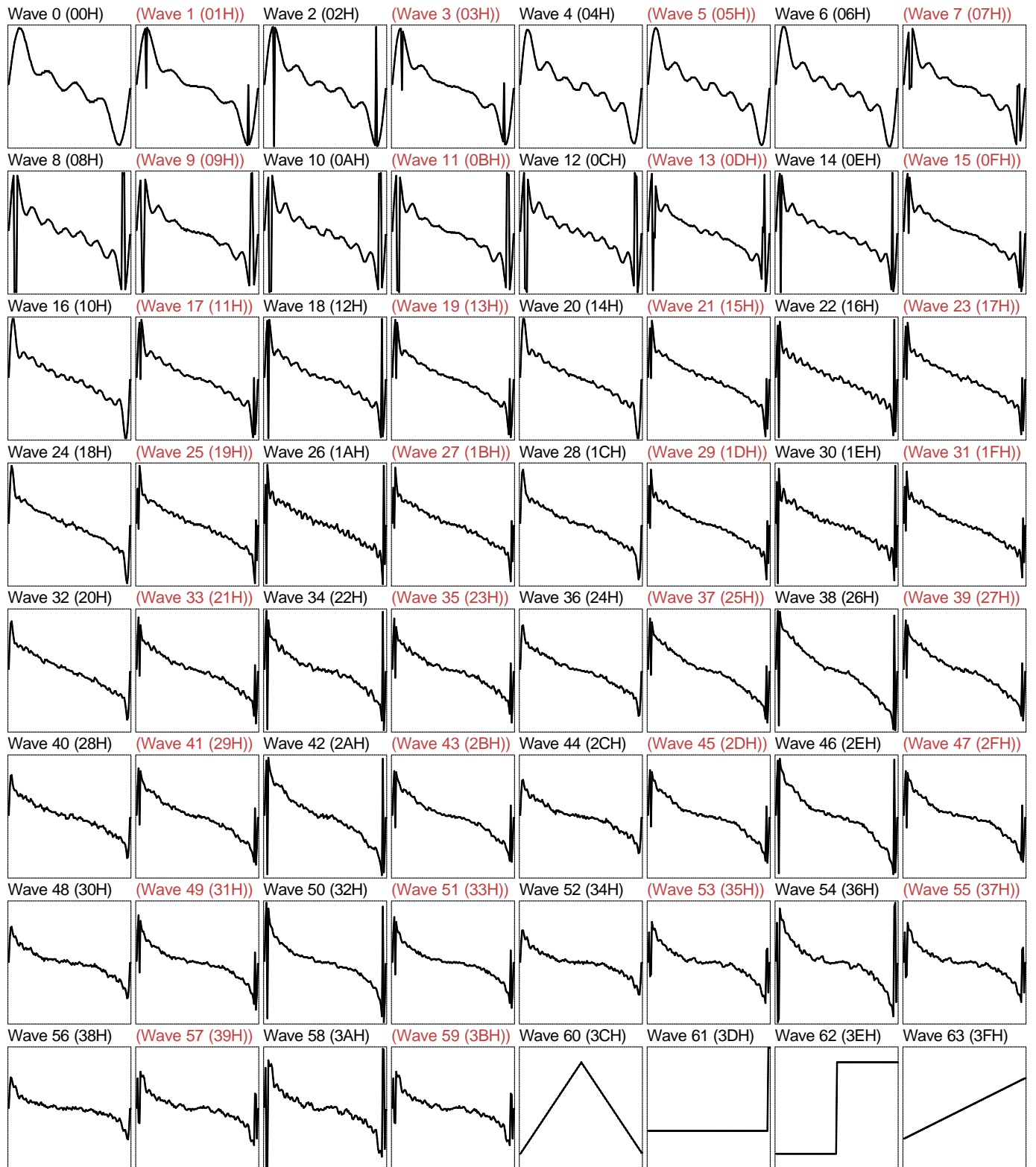
V4 Wavetable 24



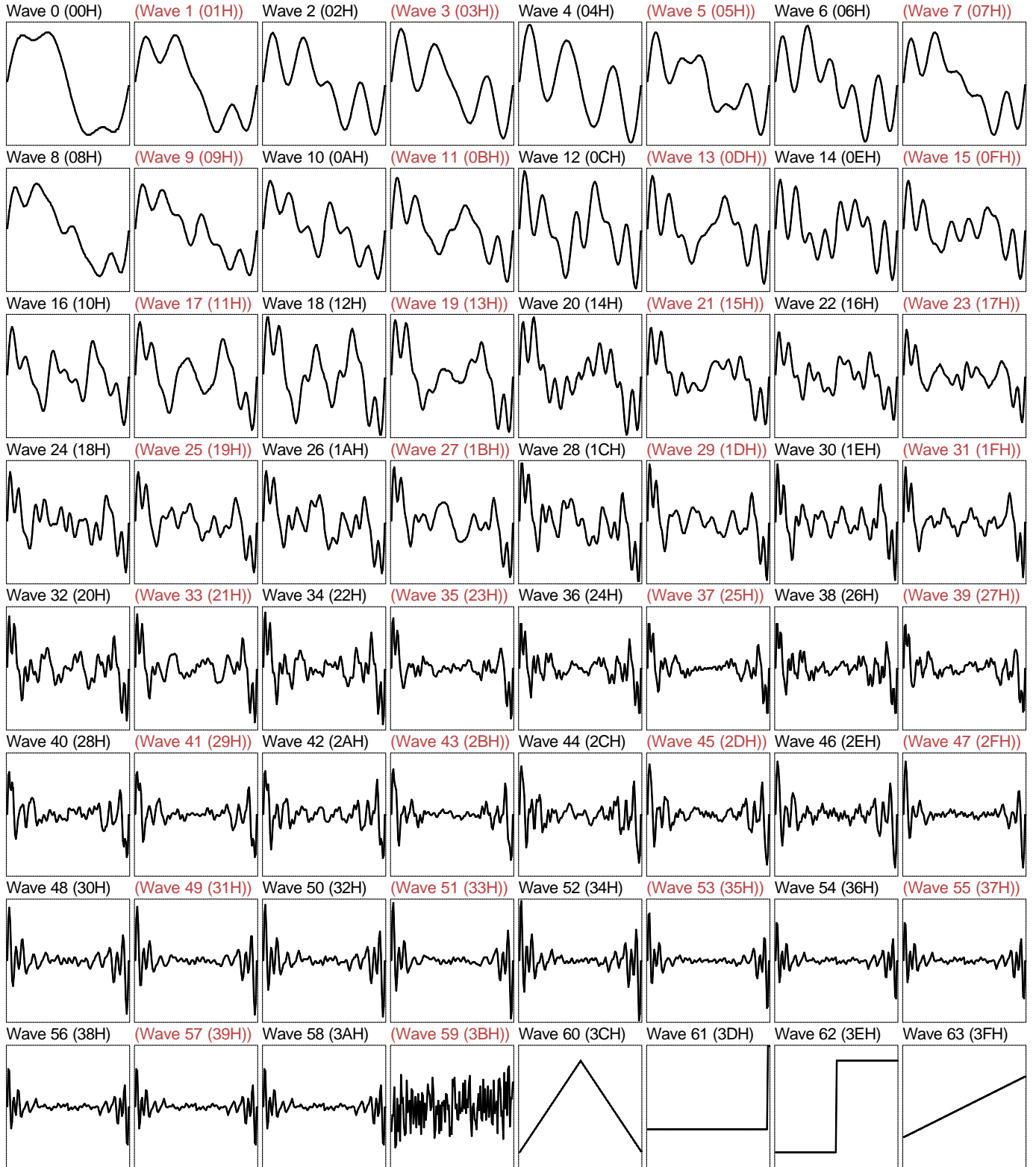
V4 Wavetable 25



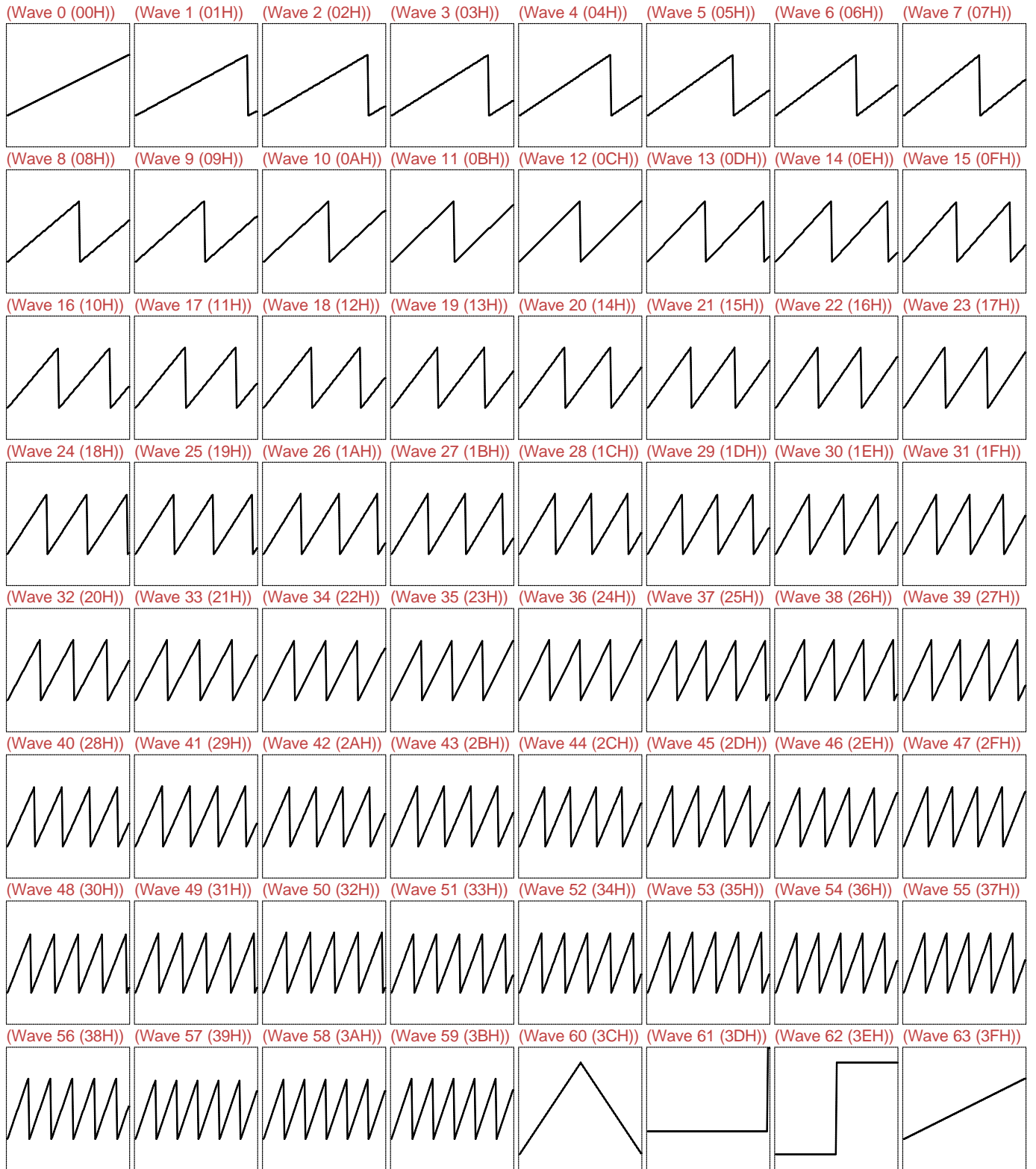
V4 Wavetable 26



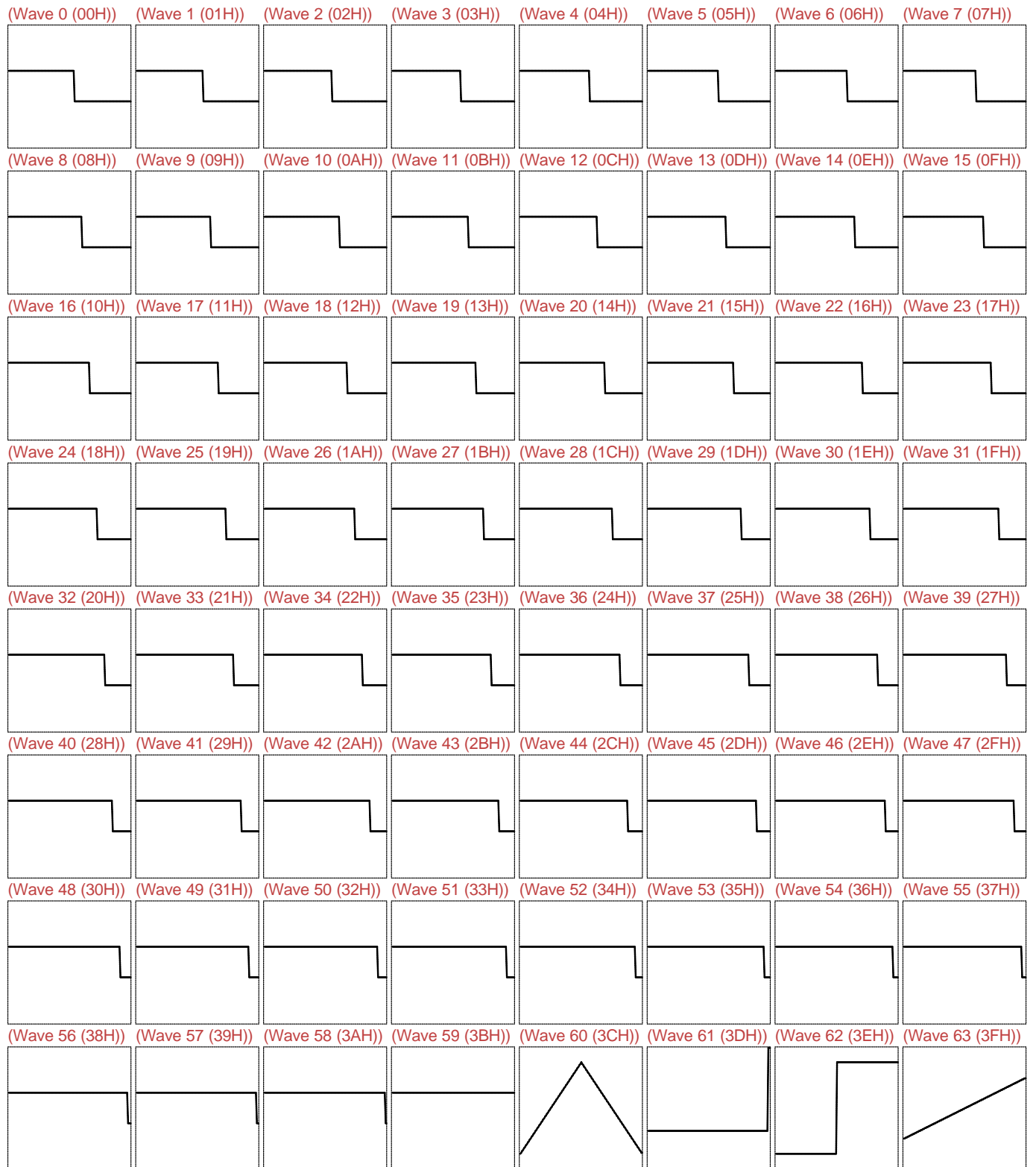
V4 Wavetable 27



V4 Wavetable 28



V4 Wavetable 29



V4 Wavetable 30 (Upper Wavetable)

