

27, 176, 22, 53, 77, 74, 177, 215, 200, 183, 229, 111, 77, 124, 66, 94, 91, 232, 44, 53, 114, 71, 234, 98, 72, 106, 71, 231, 97, 203, 32, 15. ← CODON VALUES

$$\langle e \rangle ::= (\langle o \rangle \langle e \rangle \langle e \rangle) \quad | \quad (\langle v \rangle \langle e \rangle) \quad | \quad \langle v \rangle \quad - \text{mod } 3$$

0 1 2

$$\langle o \rangle ::= + \quad | \quad - \quad | \quad / \quad | \quad * \quad - \text{mod } 4$$

0 1 2 3

$$\langle v \rangle ::= \text{Sin} \quad | \quad \text{Cos} \quad | \quad \text{Tan} \quad - \text{mod } 3$$

0 1 2

$$\langle v \rangle ::= x \quad | \quad y \quad - \text{mod } 2$$

0 1

For Codon 27, initializing with $\langle e \rangle$

$$27 \text{ mod } 3 = 0$$

$$\rightarrow \langle o \rangle \langle e \rangle \langle e \rangle$$

$$176 \text{ mod } 4 = 0$$

$$\rightarrow + \langle e \rangle \langle e \rangle$$

$$22 \text{ mod } 3 = 1$$

$$\rightarrow + \langle v \rangle \langle e \rangle \langle e \rangle$$

$$53 \text{ mod } 3 = 2$$

$$\rightarrow + \text{Tan} \langle e \rangle \langle e \rangle$$

$$77 \text{ mod } 3 = 2$$

$$\rightarrow + \text{Tan} \langle v \rangle \langle e \rangle$$

$$74 \text{ mod } 2 = 0$$

$$\rightarrow + \text{Tan } x \langle e \rangle$$

$$177 \text{ mod } 3 = 0$$

$$\rightarrow + \text{Tan } x \langle o \rangle \langle e \rangle \langle e \rangle$$

$$215 \text{ mod } 4 = 3$$

$$\rightarrow + \text{Tan } x * \langle e \rangle \langle e \rangle$$

$$200 \text{ mod } 3 = 2$$

$$\rightarrow + \text{Tan } x * \langle v \rangle \langle e \rangle$$

$$183 \text{ mod } 2 = 1$$

$$\rightarrow + \text{Tan } x * y \langle e \rangle$$

$$229 \text{ mod } 3 = 1$$

$$\rightarrow + \text{Tan } x * y \langle v \rangle \langle e \rangle$$

$$111 \text{ mod } 3 = 0$$

$$\rightarrow + \text{Tan } x * y \text{Sin} \langle e \rangle$$

$$77 \text{ mod } 3 = 2$$

$$\rightarrow + \text{Tan } x * y \text{Sin} \langle v \rangle$$

$$124 \text{ mod } 2 = 0$$

$$\rightarrow \boxed{+ \text{Tan } x * y \text{Sin } x}$$

$$\text{Answer} \Rightarrow (+ (\text{Tan } x * y) (\text{Sin } x))$$