

All J-hooks (TC2000 code) :

C >= XAVGC8 AND

(MAXC10.1 > MINC10.10 \* 1.1 AND  
MAXC10.1 / MINC10.1 < MAXC10.6 / MINC10.6 AND

C > C1 AND

(MINC3 < MAXC7.3) OR  
(MINC3.1 < MAXC7.3) OR  
(MINC3.2 < MAXC7.3) OR  
(MINC3.3 < MAXC7.3) OR  
(MINC3.4 < MAXC7.3) OR  
(MINC3.5 < MAXC7.3) OR  
(MINC3.6 < MAXC7.3) OR  
(MINC3.7 < MAXC7.3) OR

(ABS(C - AVGC10) / C < 0.01) OR

(C1 < C2 AND C2 <= C3) OR  
(C2 < C3 AND C3 <= C4) OR  
(C3 < C4 AND C4 <= C5) OR  
(C4 < C5 AND C5 <= C6) OR  
(C5 < C6 AND C6 <= C7) OR  
(C6 < C7 AND C7 <= C8) OR  
(C7 < C8 AND C8 <= C9) OR  
(C1 <= C2 AND C2 < C3) OR  
(C2 <= C3 AND C3 < C4) OR  
(C3 <= C4 AND C4 < C5) OR  
(C4 <= C5 AND C5 < C6) OR  
(C5 <= C6 AND C6 < C7) OR  
(C6 <= C7 AND C7 < C8) OR  
(C7 <= C8 AND C8 < C9) OR

((AVGH3.5) > (AVGH3.8) AND (AVGH3.8) > (AVGH3.13) AND (AVGH3.13) > (AVGH3.18)) OR

(MAXC10.2 > MINC10.10 \* 1.06 AND

C1 < MAXC10.1 AND

C >= MAXC10.1 AND

(MINC3 < MAXC7.3) OR  
(MINC3.1 < MAXC7.3) OR  
(MINC3.2 < MAXC7.3) OR  
(MINC3.3 < MAXC7.3) OR  
(MINC3.4 < MAXC7.3) OR  
(MINC3.5 < MAXC7.3) OR  
(MINC3.6 < MAXC7.3) OR  
(MINC3.7 < MAXC7.3) OR

(ABS(C - AVGC10) / C < 0.01) OR

((0.5 \* C) + (-0.5 \* C1) / 0.5) > ((0.5 \* C1) + (-0.5 \* C2) / 0.5) AND

((0.5 \* C1) + (-0.5 \* C2) / 0.5) >= ((0.5 \* C2) + (-0.5 \* C3) / 0.5) AND  
((0.5 \* C2) + (-0.5 \* C3) / 0.5) >= ((0.5 \* C3) + (-0.5 \* C4) / 0.5) AND  
((0.5 \* C3) + (-0.5 \* C4) / 0.5) >= ((0.5 \* C4) + (-0.5 \* C5) / 0.5) AND  
((0.5 \* C ) + (-0.5 \* C1) / 0.5) > 0 ) OR  
( (AVGH3.5) > (AVGH3.8 ) AND (AVGH3.8 ) > (AVGH3.13) AND (AVGH3.13) > (AVGH3.18 ) ) ) OR

((MAXH3<MAXH6 AND  
MAXH6<MAXH9 AND  
MAXH9<MAXH12 AND  
MINL12>MINL20 AND  
MINL20>MINL30 AND  
AVGV3 < AVGV3.5 AND  
MAXV5 < MAXV5.5) OR

((XAVGC3.5 > (XAVGC3.10 \* 1.07) AND  
MAXH3.5 > (MAXH3.10 \* 1.07) AND  
MAXL3.5 > (MAXL3.10 \* 1.07) AND  
XAVGC3 < XAVGC3.5 AND  
AVGV3 < AVGV3.5 AND  
MAXV5 < MAXV5.5) OR

((XAVGC3.8 > XAVGC3.15 AND  
MAXH3.8 > (MAXH3.15 \* 1.07) AND  
MAXL3.8 > (MAXL3.15 \* 1.07) AND  
XAVGC3 < XAVGC3.8 AND  
MINL3 < MINL3.8 AND  
MAXH3 < MAXH3.8 AND  
AVGV3 < AVGV3.5 AND  
MAXV5 < MAXV5.5) )