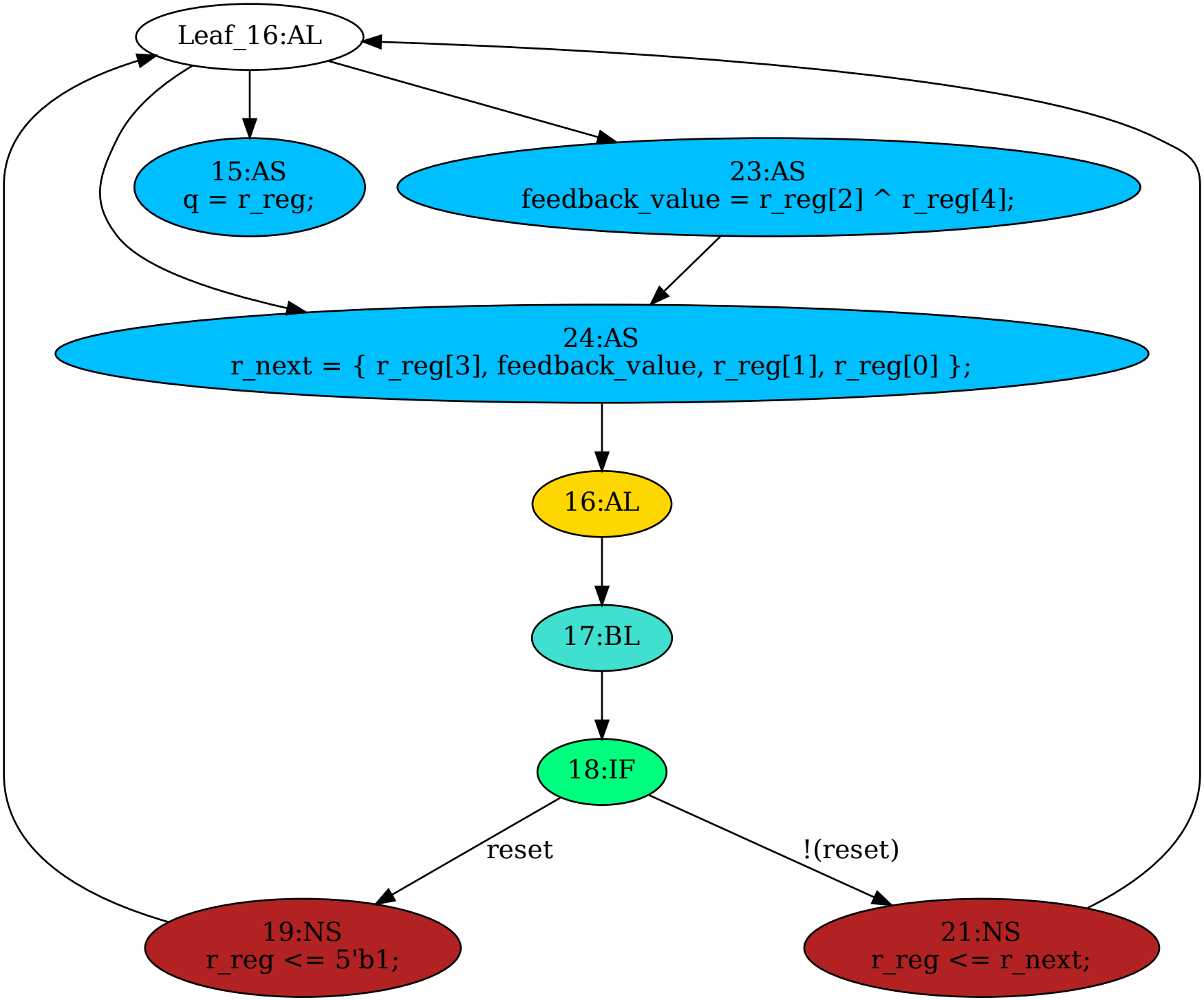
Leaf_16:AL
15:AS
q = r_reg;
23:AS
feedback_value = r_reg[2] ^ r_reg[4];
24:AS
r_next = { r_reg[3], feedback_value, r_reg[1], r_reg[0] };
16:AL
17:BL
18:IF
reset
!(reset)
19:NS
r_reg <= 5'b1;
21:NS
r_reg <= r_next;