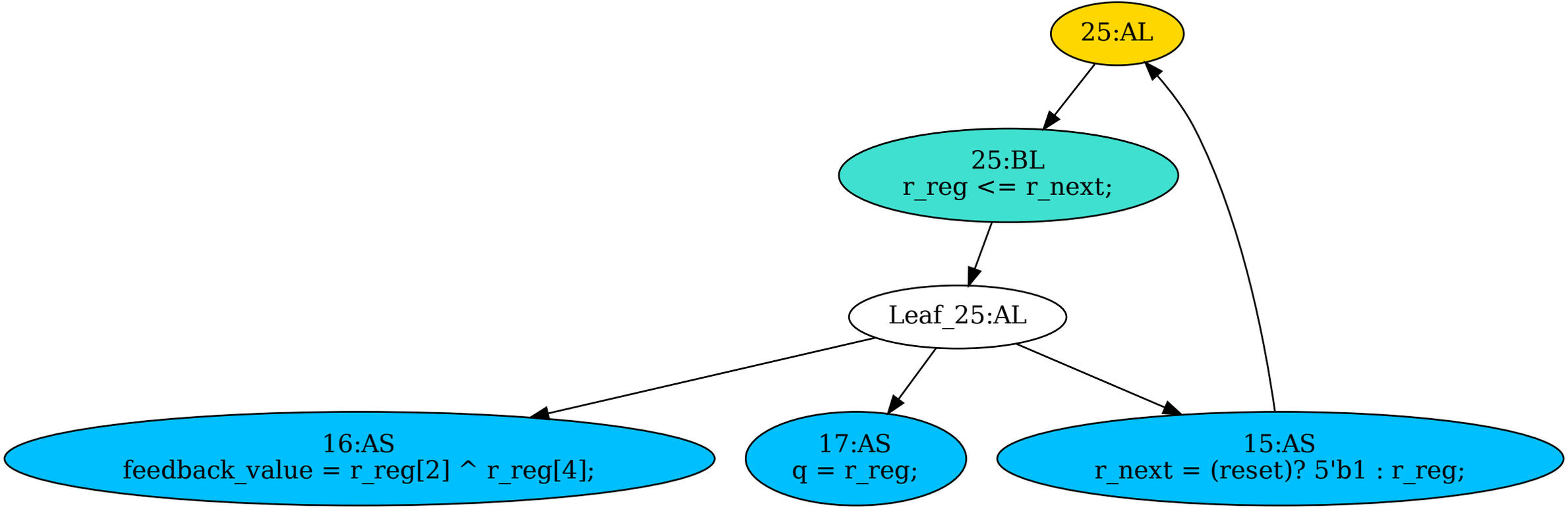
25:AL
25:BL
r_reg <= r_next;
Leaf_25:AL
16:AS
feedback_value = r_reg[2] ^ r_reg[4];
17:AS
q = r_reg;
15:AS
r_next = (reset)? 5'b1 : r_reg;