

$$\begin{aligned}
& \frac{1}{1_q^6 2_q^5 3_q^5 4_q^5 5_q^4 6_q^3 7_q^3 8_q^2 9_q 10_q 11_q} (1 + \lambda_1)_q (1 + \lambda_2)_q (2 + \lambda_1 + \lambda_2)_q (1 + \lambda_3)_q (2 + \lambda_2 + \lambda_3)_q (3 + \lambda_1 + \lambda_2 + \lambda_3)_q (1 + \lambda_4)_q (2 + \lambda_3 + \lambda_4)_q (3 + \lambda_2 + \lambda_3 + \lambda_4)_q (4 + \lambda_1 + \lambda_2 + \lambda_3 + \lambda_4)_q (1 + \lambda_5)_q (2 + \lambda_4 + \lambda_5)_q (3 + \lambda_3 + \lambda_4 + \lambda_5)_q \\
& (4 + \lambda_2 + \lambda_3 + \lambda_4 + \lambda_5)_q (5 + \lambda_1 + \lambda_2 + \lambda_3 + \lambda_4 + \lambda_5)_q (1 + \lambda_6)_q (2 + \lambda_3 + \lambda_6)_q (3 + \lambda_2 + \lambda_3 + \lambda_6)_q (4 + \lambda_1 + \lambda_2 + \lambda_3 + \lambda_6)_q (3 + \lambda_3 + \lambda_4 + \lambda_6)_q (4 + \lambda_2 + \lambda_3 + \lambda_4 + \lambda_6)_q (5 + \lambda_1 + \lambda_2 + \lambda_3 + \lambda_4 + \lambda_6)_q (5 + \lambda_2 + 2\lambda_3 + \lambda_4 + \lambda_6)_q \\
& (6 + \lambda_1 + \lambda_2 + 2\lambda_3 + \lambda_4 + \lambda_6)_q (7 + \lambda_1 + 2\lambda_2 + 2\lambda_3 + \lambda_4 + \lambda_6)_q (4 + \lambda_3 + \lambda_4 + \lambda_5 + \lambda_6)_q (5 + \lambda_2 + \lambda_3 + \lambda_4 + \lambda_5 + \lambda_6)_q (6 + \lambda_1 + \lambda_2 + \lambda_3 + \lambda_4 + \lambda_5 + \lambda_6)_q (6 + \lambda_2 + 2\lambda_3 + \lambda_4 + \lambda_5 + \lambda_6)_q (7 + \lambda_1 + \lambda_2 + 2\lambda_3 + \lambda_4 + \lambda_5 + \lambda_6)_q \\
& (8 + \lambda_1 + 2\lambda_2 + 2\lambda_3 + \lambda_4 + \lambda_5 + \lambda_6)_q (7 + \lambda_2 + 2\lambda_3 + 2\lambda_4 + \lambda_5 + \lambda_6)_q (8 + \lambda_1 + \lambda_2 + 2\lambda_3 + 2\lambda_4 + \lambda_5 + \lambda_6)_q (9 + \lambda_1 + 2\lambda_2 + 2\lambda_3 + 2\lambda_4 + \lambda_5 + \lambda_6)_q (10 + \lambda_1 + 2\lambda_2 + 3\lambda_3 + 2\lambda_4 + \lambda_5 + \lambda_6)_q (11 + \lambda_1 + 2\lambda_2 + 3\lambda_3 + 2\lambda_4 + \lambda_5 + 2\lambda_6)_q
\end{aligned}$$