

$$\left(\Pi_{I=1}^3\left(q^{(2r_a+2r_b)/2}a^2b^2x_I^{-1};q\right)_\infty\right)\Pi_{\alpha=1}^2\left(q^{(3r_a+r_b)/2}a^3b\tilde{x}_\alpha^{-1};q\right)_\infty$$

$$\left(\Pi_{I=1}^3\left(q^{r_a}a^2x_I^{-1};q\right)_\infty\right)\left(q^{r_b}b^2;q\right)_\infty\Pi_{I=1}^3\Pi_{\alpha=1}^2\left(q^{(r_a+r_b)/2}abx_I\tilde{x}_\alpha;q\right)_\infty$$