```
PC00 (9.68e+05): +1.000c_{HVVVff}^{[1]}
<u>PC01 (3.98e+05):</u> +0.767c_{HG} - 0.637c_{HVV,Vff}^{[2]} + 0.074c_{bH} + 0.029c_{tG} - 0.013c_{W}
 \underline{\textbf{PC02 (1.66e+05):}} \ -0.770c_{HVV,Vff}^{[2]} \ -0.636c_{HG} \ -0.033c_{bH} \ -0.020c_{tG} \ +0.019c_{HVV,Vff}^{[4]} \ -0.015c_{W} \ +0.011c_{HVV,Vff}^{[3]}
\underline{\textbf{PC03 (2.27e+04):}} \ -0.999c_{HVV,Vff}^{[3]} \ +0.039c_{HVV,Vff}^{[4]} \ +0.016c_{HVV,Vff}^{[5]}
\underline{\textbf{PC04 (1.09e+04):}} + 0.999c_{HVV,Vff}^{[4]} + 0.039c_{HVV,Vff}^{[3]} + 0.025c_{HVV,Vff}^{[5]} + 0.016c_{HG} + 0.012c_{HVV,Vff}^{[2]} - 0.011c_{bH} - 0.010c_{HVV,Vff}^{[7]} + 0.016c_{HG} + 0.012c_{HVV,Vff}^{[2]} + 0.016c_{HG} + 0.010c_{HVV,Vff}^{[3]} + 0.016c_{HG} + 0.010c_{HVV,Vff}^{[3]} + 0.016c_{HG} + 0.010c_{HVV,Vff}^{[3]} + 0.016c_{HG}^{[3]} + 0.016c_{HG
\underline{\textbf{PC05 (4.20e+03):}} + 0.998c_{HVV,Vff}^{[5]} - 0.047c_{bH} - 0.026c_{HVV,Vff}^{[4]} - 0.023c_{HVV,Vff}^{[8]} - 0.015c_{HVV,Vff}^{[7]} + 0.014c_{HVV,Vff}^{[3]} - 0.014c_{HVV,Vff}^{[6]} - 0.014
\underline{\mathbf{PC06}\ (\mathbf{1.64e+03}):}\ -0.997c_{HVV,Vff}^{[6]}\ +0.066c_{2q2l}^{[1]}\ -0.018c_{bH}\ -0.015c_{HVV,Vff}^{[5]}
 \underline{\mathbf{PC07}\ (\mathbf{9.41e} + \mathbf{02}):} + 0.837c_{2q2l}^{[1]} - 0.390c_{bH} + 0.375c_{HVV,Vff}^{[7]} + 0.066c_{HVV,Vff}^{[6]} + 0.031c_{HG} - 0.021c_{HVV,Vff}^{[10]} - 0.016c_{HVV,Vff}^{[5]}
 -0.015c_{4q}^{[1]} + 0.015c_{HVV,Vff}^{[11]} + 0.014c_{HVV,Vff}^{[9]} + 0.012c_{2q2l}^{[2]}
 \underline{\textbf{PC08 (9.03e+02):}} + 0.595c_{bH} - 0.589c_{HVV,Vff}^{[7]} + 0.542c_{2q2l}^{[1]} - 0.050c_{HG} - 0.030c_{HVV,Vff}^{[10]} - 0.024c_{HVV,Vff}^{[8]} + 0.021c_{HVV,Vff}^{[6]}
 +0.016c_{HVV,Vff}^{[5]} +0.012c_{HVV,Vff}^{[2]} +0.011c_{HVV,Vff}^{[11]} -0.011c_{HVV,Vff}^{[9]}
\underline{\textbf{PC09 (5.83e+02):}} -0.714c_{HVV,Vff}^{[7]} -0.693c_{bH} +0.053c_{HG} -0.044c_{HVV,Vff}^{[5]} -0.036c_{tG} +0.035c_{4q}^{[1]} -0.030c_{uH,dH,H\Box} +0.028c_{HVV,Vff}^{[9]} -0.04c_{tG}^{[9]} +0.008c_{tG}^{[9]} +0.008c_{tG
 -0.022c_{2q2l}^{[2]} -0.016c_{HVV,Vff}^{[2]} +0.015c_{HVV,Vff}^{[10]} -0.014c_{HVV,Vff}^{[4]}
\underline{\textbf{PC10 (1.54e+02):}} + 0.995c_{4q}^{[1]} - 0.081c_{HVV,Vff}^{[8]} + 0.033c_{HVV,Vff}^{[7]} - 0.032c_W + 0.017c_{bH} + 0.014c_{HVV,Vff}^{[11]} - 0.013c_{tG} - 0.011c_{HVV,Vf}^{[10]} + 0.013c_{tG} - 0.011c_{tG}^{[10]} + 
\underline{\textbf{PC11 (9.46e+01):}} \ -0.990c^{[8]}_{HVV,Vff} + 0.080c_{tG} \ -0.079c^{[1]}_{4q} \ +0.068c^{[9]}_{HVV,Vff} \ -0.033c^{[2]}_{2q2l} \ -0.023c^{[5]}_{HVV,Vff} \ +0.019c_{uH,dH,H\Box}
 -0.018c_{2q2l}^{[1]} + 0.016c_{HVV,Vff}^{[7]} + 0.013c_{W} + 0.012c_{HVV,Vff}^{[10]} + 0.011c_{top}^{[1]} + 0.011c_{HVV,Vff}^{[11]}
\underline{\textbf{PC12 (3.11e+01):}} + 0.872c_{tG} + 0.390c_{HVV,Vff}^{[9]} + 0.220c_{top}^{[1]} - 0.109c_W + 0.096c_{HVV,Vff}^{[8]} + 0.074c_{uH,dH,H} - 0.073c_{HVV,Vff}^{[11]}
 -0.056c_{tH} -0.033c_{HVV,Vff}^{[12]} -0.029c_{HG} +0.022c_{4q}^{[1]} -0.022c_{bH} +0.018c_{2q2l}^{[2]} -0.017c_{2q2l}^{[3]} -0.015c_{HVV,Vff}^{[7]} -0.014c_{HVV,Vff}^{[13]}
 -0.011c_{HVV,Vff}^{[10]}
\underline{\textbf{PC13 (2.44e+01):}} + 0.904c_{HVV,Vff}^{[9]} - 0.376c_{tG} - 0.138c_{top}^{[1]} + 0.084c_{2q2l}^{[2]} + 0.063c_{tH} - 0.061c_{HVV,Vff}^{[10]} - 0.054c_W + 0.043c_{bH}
 +0.026c_{HVV,Vff}^{[8]} -0.026c_{2q2l}^{[3]} -0.016c_{HVV,Vff}^{[12]} +0.012c_{HVV,Vff}^{[11]} \\ +0.012c_{HVV,Vff}^{[14]} +0.011c_{HVV,Vff}^{[7]} +0.011c_{HG}^{[7]} \\ +0.011c_{HG}^{[7]} +0.011c_{HG}^{[7]} +0.011c_{HG}^{[7]} +0.011c_{HG}^{[7]} +0.011c_{HG}^{[7]} \\ +0.011c_{HG}^{[7]} +0.011c_{HG}^
\underline{\textbf{PC14}\ (\textbf{1.72e+01}):}\ -0.928c_W\ +0.316c_{HVV,Vff}^{[11]}\ +0.135c_{HVV,Vff}^{[10]}\ -0.100c_{2q2l}^{[2]}\ -0.066c_{HVV,Vff}^{[9]}\ -0.055c_{tG}\ +0.039c_{uH,dH,H\Box}
 \frac{-0.036c_{4q}^{[1]} + 0.018c_{HVV,Vff}^{[2]} -0.014c_{eH} -0.011c_{top}^{[1]}}{-0.036c_{4q}^{[1]} + 0.018c_{HVV,Vff}^{[2]} -0.014c_{eH} -0.011c_{top}^{[1]}}
 \underline{\textbf{PC15}\ (\textbf{1.51e}+\textbf{01}):}\ +0.818c_{HVV,Vff}^{[11]}\ -0.441c_{HVV,Vff}^{[10]}\ -0.246c_{2q2l}^{[2]}\ +0.237c_{W}\ +0.078c_{2q2l}^{[3]}\ +0.068c_{tG}\ +0.055c_{uH,dH,H}\ +0.031c_{HVV}^{[9]}\ +0.008c_{tG}\ +0
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+0.029c_{top}^{[1]} -0.028c_{2q2l}^{[4]} -0.028c_{2q2l}^{[1]} +0.025c_{HVV,Vff}^{[8]} -0.024c_{HVV,Vff}^{[12]} -0.015c_{eH} -0.015c_{bH} -0.013c_{HVV,Vff}^{[13]} -0.013c_{tH}^{[13]} -0
  -0.010c_{HVV,Vff}^{[14]}
\underline{\textbf{PC16 (1.37e+01):}} + 0.832c_{HVV,Vff}^{[10]} - 0.378c_{2q2l}^{[2]} + 0.256c_{HVV,Vff}^{[11]} + 0.247c_W + 0.125c_{uH,dH,H\,\square} + 0.100c_{HVV,Vff}^{[9]} - 0.070c_{2q2l}^{[3]} + 0.000c_{HVV,Vff}^{[3]} + 0.000c_{HVV,Vff}
 -0.038c_{eH} + 0.037c_{HVV,Vff}^{[8]} + 0.034c_{tH} - 0.033c_{top}^{[1]} + 0.027c_{2q2l}^{[1]} - 0.024c_{HVV,Vff}^{[14]} + 0.020c_{tG} + 0.018c_{bH} + 0.014c_{4q}^{[1]} - 0.011c_{HVV,Vff}^{[12]}
 \underline{\textbf{PC17 (7.13e+00):}} -0.874c_{2q2l}^{[2]} -0.376c_{HVV,Vff}^{[11]} -0.250c_{HVV,Vff}^{[10]} +0.091c_{HVV,Vff}^{[12]} +0.083c_{2q2l}^{[3]} -0.074c_W -0.057c_{uH,dH,H\Box}
 +0.051c_{HVV,Vff}^{[9]} -0.043c_{HVV,Vff}^{[14]} -0.040c_{tG} +0.026c_{eH} \\ +0.023c_{HVV,Vff}^{[7]} +0.021c_{HVV,Vff}^{[8]} +0.017c_{2q2l}^{[4]} \\ +0.051c_{HVV,Vff}^{[9]} -0.043c_{HVV,Vff}^{[14]} -0.040c_{tG} +0.026c_{eH} \\ +0.023c_{HVV,Vff}^{[7]} +0.021c_{HVV,Vff}^{[8]} +0.017c_{2q2l}^{[8]} +0.017c_{2q2l}^{[8]} \\ +0.017c_{HVV,Vff}^{[8]} +0.017c_{HVV,Vff}^{[8]}
\underline{\textbf{PC18 (2.49e+00):}} + 0.987c_{HVV,Vff}^{[12]} + 0.070c_{2q2l}^{[2]} - 0.065c_{tH} + 0.059c_{top}^{[1]} + 0.058c_{HVV,Vff}^{[11]} - 0.056c_{HVV,Vff}^{[13]} - 0.050c_{uH,dH,H\Box}
 -0.036c_{2q2l}^{[3]} + 0.030c_{HVV,Vff}^{[9]} + 0.025c_{HVV,Vff}^{[10]} + 0.018c_W - 0.018c_{HVV,Vff}^{[14]} - 0.016c_{eH} + 0.013c_{tG}
 \underline{\textbf{PC19 (1.14e+00):}} + 0.786c_{HVV,Vff}^{[13]} + 0.430c_{top}^{[1]} - 0.356c_{2q2l}^{[3]} - 0.179c_{uH,dH,H\,\square} - 0.148c_{tH} - 0.103c_{tG} + 0.038c_{2q2l}^{[4]} + 0.038c_{HVV,Vff}^{[11]}
 -0.030c_{eH} + 0.030c_{HVV,Vff}^{[14]} - 0.028c_{2q2l}^{[2]} + 0.025c_{HVV,Vff}^{[9]} - 0.013c_{HVV,Vff}^{[12]} + 0.010c_{W}
\underline{\textbf{PC20 (8.63e-01):}} \ -0.717c_{top}^{[1]} \ +0.557c_{HVV,Vff}^{[13]} \ +0.346c_{2q2l}^{[3]} \ +0.199c_{tG} \ -0.079c_{tH} \ +0.076c_{HVV,Vff}^{[12]} \ +0.033c_{eH} \ +0.029c_{2q2l}^{[2]} \ +0.0000c_{eq}^{[2]} \ +0.0
 +0.026c_{2q2l}^{[4]} +0.023c_{HVV,Vff}^{[10]} -0.022c_{uH,dH,H\Box} +0.020c_{HVV,Vff}^{[14]} +0.011c_{HVV,Vff}^{[11]}
\underline{\textbf{PC21 (7.95e-01):}} + 0.829c_{2q2l}^{[3]} + 0.438c_{top}^{[1]} - 0.272c_{eH} + 0.112c_{HVV,Vff}^{[10]} - 0.104c_{tG} + 0.096c_{HVV,Vff}^{[13]} - 0.088c_{uH,dH,H\Box} + 0.056c_{2q2l}^{[2]} + 0.008c_{uH,dH,dH,d\Box} + 0.008c_{uH,dH,dH,d\Box} + 0.008c_{uH,dH,dH,d\Box} + 0.008c_{uH,dH,dD} + 0.008c_{uH,dD} + 0.008c_{
 +0.046\overline{c_{HVV,Vff}^{[9]}} + 0.012c_{tH} - 0.012c_{HVV,Vff}^{[14]} - 0.012c_{2q2l}^{[4]}
 \underline{\textbf{PC22 (4.08e-01):}} + 0.931c_{uH,dH,H\square} + 0.189c_{HVV,Vff}^{[13]} + 0.183c_{eH} + 0.125c_{top}^{[1]} - 0.103c_{tG} - 0.096c_{HVV,Vff}^{[14]} - 0.089c_{HVV,Vff}^{[11]}
 -0.077c_{HVV,Vff}^{[10]} + 0.065c_{HVV,Vff}^{[12]} + 0.065c_{2q2l}^{[3]} + 0.056c_{tH} + 0.028c_{2q2l}^{[2]} - 0.022c_{HVV,Vff}^{[9]} - 0.021c_{bH} - 0.016c_{HVV,Vff}^{[7]} - 0.013c_{4q}^{[2]} + 0.065c_{2q2l}^{[3]} + 0.065c_{2q2l}^{[3]} + 0.065c_{2q2l}^{[3]} + 0.065c_{2q2l}^{[3]} - 0.0000c_{2q2l}^{[3]} - 0.0000c_{2q2l}^{[3]} - 0.0000c_{2q2l}^{[3]} - 0.0000c_{2q2l}^{[3]} - 0.00000c_{2q2l}^{[3]} - 0.0000c_{2q2l}^{[3]} - 0.00000c_{2q2l}^{[3]} - 0.0000c_{2q2l}^{[3]} - 0.0000c_{2q
 -0.011c_{2q2l}^{[4]} \\
\underline{\textbf{PC23 (3.18e-01):}} + 0.919c_{eH} - 0.215c_{uH,dH,H\Box} + 0.191c_{2q2l}^{[3]} - 0.188c_{HVV,Vff}^{[14]} + 0.129c_{top}^{[1]} + 0.083c_{HVV,Vff}^{[10]} - 0.073c_{tH} + 0.055c_{HVV,Vff}^{[11]} + 0.083c_{HVV,Vff}^{[10]} + 0.083c_{HVV,Vff}^{[10]} + 0.0083c_{HVV,Vff}^{[10]} + 0.0083c_{HVV,Vff
  -0.040c_{2q2l}^{[4]} -0.031c_{tG} +0.029c_{HVV,Vff}^{[9]} -0.025c_{4q}^{[2]} +0.022c_{2q2l}^{[2]} -0.013c_{HVV,Vff}^{[12]} +0.012c_{bH}
\underline{\textbf{PC24 (1.93e-01):}} -0.956c_{HVV,Vff}^{[14]} + 0.204c_{2q2l}^{[4]} -0.182c_{eH} -0.054c_{2q2l}^{[3]} -0.053c_{uH,dH,H\Box} -0.045c_{top}^{[1]} +0.043c_{2q2l}^{[2]} -0.026c_{HVV,Vff}^{[12]}
 \frac{}{-0.016c_{HVV,Vff}^{[10]}} -0.012c_{4q}^{[2]}
\underline{\textbf{PC25}\ (\textbf{5.50e-02}):} + 0.901c_{tH} - 0.357c_{2q2l}^{[4]} + 0.152c_{HVV,Vff}^{[13]} - 0.100c_{uH,dH,H\Box} - 0.099c_{4q}^{[2]} + 0.078c_{tG} - 0.069c_{HVV,Vff}^{[14]} + 0.062c_{HVV,Vff}^{[12]} + 0.062c_{HVV,Vff}^{[12]} + 0.000c_{uH,dH,H\Box} + 0.000c_{uH,dH,H\Box} + 0.000c_{uH,dH,H\Box} + 0.000c_{uH,dH,dH,dH}^{[12]} + 0.000c_{uH,dH,dH}^{[12]} + 0.000c_{uH,dH}^{[12]} + 0.000c_{uH,d
 -0.036c_{2q2l}^{[3]} -0.032c_{HVV,Vff}^{[9]} +0.028c_{eH} +0.019c_{top}^{[1]} -0.016c_{HVV,Vff}^{[10]}
\underline{\textbf{PC26 (3.61e-02):}} \ -0.867c_{2q2l}^{[4]} \ +0.333c_{4q}^{[2]} \ -0.312c_{tH} \ -0.174c_{HVV,Vff}^{[14]} \ -0.078c_{eH} \ -0.031c_{HVV,Vff}^{[11]} \ -0.027c_{top}^{[1]} \ -0.022c_{tG}
 -0.021c_{2q2l}^{[3]} -0.015c_{HVV,Vff}^{[12]} +0.014c_{uH,dH,H} +0.011c_{HVV,Vff}^{[10]}
 \underline{\mathbf{PC27} \ (\mathbf{4.29e}\textbf{-10}):} \ -0.937c_{4q}^{[2]} \ -0.272c_{2q2l}^{[4]} \ -0.204c_{tH} \ -0.053c_{eH} \ -0.036c_{HVV,Vff}^{[14]} \ -0.024c_{HVV,Vff}^{[13]} \ -0.023c_{top}^{[1]} \ -0.013c_{2q2l}^{[3]} \ -0.013c_{2q2l}^{[3]}
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 $-0.012c_{HVV,Vff}^{[12]} -0.012c_{tG} -0.011c_{HVV,Vff}^{[11]} +0.011c_{uH,dH,H\Box}$