SMQCD

[FFV] 2 Quarks – Gluon	2	[VVV] 3 Gluons	
[UUV] 2 Ghosts – Gluon	2	[VVVV] 4 Gluons	

[FFV] 2 Quarks - Gluon

$$C_{5}(\overline{u}_{g1}, u_{g2}, g) = -ig_{s}\delta_{g1,g2}T_{c1,c2}^{g3}\begin{bmatrix} 1\\ -1\\ 1\end{bmatrix}$$

$$C_{6}\left(\overline{d}_{g1}, d_{g2}, g\right) = -ig_{s}\delta_{g1,g2}T_{c1,c2}^{g3}\begin{bmatrix} 1\\ --\\ 1\end{bmatrix}$$

[UUV] 2 Ghosts – Gluon

$$C_{4}\left(\overline{u}_{g}, u_{g}, g\right) = g_{s} f^{g1,g2,g3} \begin{bmatrix} 1 \\ --- \\ 0 \end{bmatrix}$$

[VVV] 3 Gluons

$$C(g,g,g) = \left[g_{s}f^{g1,g2,g3} \right]$$

[VVVV] 4 Gluons

$$C(g, g, g, g) = -ig_s^2 \begin{bmatrix} f^{g1,g3,x} f^{x,g2,g4} - f^{g1,g4,x} f^{x,g3,g2} \\ f^{g1,g2,x} f^{x,g3,g4} + f^{g1,g4,x} f^{x,g3,g2} \\ - (f^{g1,g2,x} f^{x,g3,g4}) - f^{g1,g3,x} f^{x,g2,g4} \end{bmatrix}$$