

Massless NLO calculation: [Aversa,Chiappetta,Greco,Guillet,NPB327(1989)105]

1.  $gg \rightarrow qX$
2.  $gg \rightarrow gX$
3.  $qg \rightarrow gX$
4.  $qg \rightarrow qX$
5.  $q\bar{q} \rightarrow gX$
6.  $q\bar{q} \rightarrow qX$
7.  $qg \rightarrow \bar{q}X$
8.  $qg \rightarrow \bar{q}'X$
9.  $qg \rightarrow q'X$
10.  $qq \rightarrow gX$
11.  $qq \rightarrow qX$
12.  $q\bar{q} \rightarrow q'X$
13.  $q\bar{q}' \rightarrow gX$
14.  $q\bar{q}' \rightarrow qX$
15.  $qq' \rightarrow gX$
16.  $qq' \rightarrow qX$

⊕ charge conjugated processes