ATLAS-SUSY-2013-02 (efficiencyMap)

$T5 : pp \rightarrow \tilde{g}\,\tilde{g},\ \tilde{g} \rightarrow q\,\tilde{q},\ \tilde{q} \rightarrow q\,\tilde{\chi}_1^0$

$m_{\tilde{g}} = x,\ m_{\tilde{q}} = 0.05*x + 0.95*y,\ m_{\tilde{\chi}_1^0} = y$

±20% (SModelS)

exclusion (SModelS)

SModelS

$r = \sigma_{\text{signal}}/\sigma_{\text{UL}}$

best SR