



Selection of two *Streptomyces* genomes

RAST server annotation

8,191 coding genes for *S. coelicolor* A3(2) (CP042324.1)

9,901 coding genes for *S. hygroscopicus* (CP003275.1)

BLASTp

BLASTp

AR coding genes databases

237 hits preliminary results

282 hits preliminary results

Reciprocal BLASTp

66 hits for *S. coelicolor* A3(2)

72 hits for *S. hygroscopicus*

AR functional domains search by BLASTp against CDD database

35 AR genes with enzymatic activities according to PATRIC

33 AR like-genes

37 AR-like genes

34 AR genes with enzymatic activities according to PATRIC