Base excision repair

Flavonoid biosynthesis

Gene Ratio 0.01 0.02 0.03 0.04 0.05 0.06 0.08 0.09 0.10 0.11 0.12

Zm

both At Os Zm

Protein coding genes: *At* 136 ; *Os* 1231 ; *Zm* 5194

Orthologous: At 36; Os 380; Zm 2647

antisense long non coding RNA
long non coding RNA / lincRNA
miRNA primary transcript /miRNA

novel transcribed regionpre tRNA / tRNA

other RNA

pseudogene

Os

Pentose phosphate pathway

Other glycan degradation

Gene Ratio 0.01 0.02 0.03 0.04 0.05 0.06 0.08 0.09 0.10 0.11 0.12

Steroid biosynthesis

At Os Zm

Protein coding genes: *At* 238 ; Os 2641 ; *Zm* 7533

Orthologous: At 112; Os 2100; Zm 6616

antisense long non coding RNAlong non coding RNA / lincRNA

miRNA primary transcript /miRNA

novel transcribed region

• pre tRNA / tRNA

other RNA

pseudogene