Data structure for RNA-FISH data

RNAdata.(cond).(rep).tt

RNAdata.(cond).(rep).Name

RNAdata.(cond).(rep).(Gene).(Nuc).RNAintTS

RNAdata.(cond).(rep).(Gene).(Nuc).RNAintTSNuc

cond Condition of osmotic stress:

Step0.2 = Step 0.2M NaCl or

Step0.4 = Step 0.4M NaCl

rep replica experiment

gene STL1 or CTT1

Nuc low / mid / hi = This refers to the threshold for the nucleus (low (larger nucleus), medium, hi(smaller nucleus))

tt Time points in [min]

RNAintTS 3D array of all spot intensities; sizes:

1-5000 individual cells

1-500 individual transcripts

1-16(15) individual time points

RNAintTSNuc 3D array of nuclear spot intensities; sizes:

1-5000 individual cells

1-500 individual transcripts

1-16(15) individual time points