

Table S2. FISH Probes Used in This Study, Related to Figures 1 and 2

GENE	PROBE #	SEQUENCE
Yeast ASH1	ASH1-7	AGG AGC TAT TTG CAT GAG AAT CCG GAC CAG CAG ATA ATG CAT GCA GTG GT
	ASH1-8	TTG GCG ACA CAT TGA GCG AAT GAA ACG AAT ACT TCC TAG GAC TTG CTG AA
	ASH1-9	AGT TAC ATA GCT GAT CTT GCT TTC TTG GCG ACC ACG ATG GCC TCC AAC AG
	ASH1-10	TCA ATT TCG CAG TTG CGT TCG GGG ACG AAT TCT TTG TCT ATT CCA TTG GA
Chicken β -actin	KLT-4	TTG TTT TAT GCG CAT TTA TGG GTT TTG TTT CAT CAC AGG GGT GTG GGT GTT GGT A
	KLT-15	AAT CAA AGT CCT CAG ATG CAT TGT AGA ACT TTG GGG GCG TTC GCT CCA ACA
	KLT-18	ACA TAA TTT ACA GAC AAG CAA TTA TCA TCT AAC ACC ATT AAT TGG TAC CGG CTC
	KLT-19	ATT CAC ATC TAT CAC TGG GGA ACA CAG CCC GCT TGC TTG ACA AAC CAA AAA TA
Chicken GAPDH	cGAPDH1	ATC CGT TGA CTC CGA CTT TCA CCA TCT CGC CTT TAT AGT GTT CCT GCT GC
	cGAPDH2	TCT CAG CCT TGA CAG TGC CCT TGA AGT GTC CGT GTG TAG AAT CAT ATT TG
	cGAPDH3	ATG ATA ACA CGC TTA GCA CCA CCC TTC AGA TGA GCC CCA GCC TTC TCC AT
	cGAPDH4	CAT CAA GTC CAC AAC ACG GTT GCT GTA TCC AAA CTC ATT GTC ATA CCA GG
MS2	MS2_LK51	TTT CTA GGC AAT TAG GTA CCT TAG GAT CTA ATG AAC CCG GGA ATA CTG CAG

Modified thymidine nucleotides that covalently bound fluorescent dye are marked with bold capital T.

Design, synthesis and labeling of probes was performed as described previously (Femino et al., 1998; Zenklusen et al., 2008).