

Supplementary Table 3: Y-DNA building blocks

Oligonucleotide	Hybridization	Y-DNA
y1h + y2e + y3D		Y-core
y1-probe + y1Alex488 + y3BO630		YGR-probe1
y1-probe + y2Alex488 + y3D		YG-probe2
y1-probe + y2Alex488 + y3H		YG-probe3
y1Alex488 + y2Alex488 + y3E		YGG
y1d + y2Alex488 + y3BO630		YGR1
y1Alex488 + y2BO630 + y3E		YGR2
y1d + y2BO630 + y3BO630		YRR
y1-probe + y2BO630 + y3H		YR-probe4
y1-probe + y2D + y3BO630		YR-probe5