

Oligonucleotide	Mass calc.	Mass found
wt-Dz	10798.107	10798.8008
5-R-Dz	10796.047	10795.8008
5-S-Dz	10796.047	10795.8008
15-R-Dz	10796.047	10794.9004
15-S-Dz	10796.047	10795.8008
RNA substrate	6650.018	6648.9004

#### RNA substrate

5' – CUC AAG UCU UGU AUG GGA CUC 3'

#### wt-Dz

5' – GAG TCC CAT A GG CTA GCT ACA ACG A AA GAC TTG AG 3'

#### 5-R-Dz

5' – GAG TCC CAT A GGCT R-cdAGCT ACA ACGA AA GAC TTG AG 3'

#### 5-S-Dz

5' – GAG TCC CAT A GG CT S-cdAGCT ACA ACG A AAGAC TTG AG 3'

#### 15-R-Dz

5' – GAG TCC CAT A GG CTA GCTACA ACG R-cdA AA GAC TTG AG 3'

#### 15-S-Dz

5' – GAG TCC CAT A GG CTA GCTACA ACG S-cdA AA GAC TTG AG 3'