PACE Assay Quick Ref. Guide

PACE genotyping assays can be designed using our free assay design service available on the 3CR Bioscience website (www.3crbio.com/free-assay-design). The table below shows how to assemble a PACE genotyping assay mix from the constituent primers.

Primer	Final concentration (µM)	Vol required for 100µl assay mix (µL)
Allele-specific primer 1 – FAM (100 µM)	12	12
Allele-specific primer 2 – HEX (100 µM)	12	12
Common, reverse primer (100 µM)	30	30
PCR grade water	-	46
Total	**-**	**100**

Once the PACE genotyping assay mix is assembled, it should be used in the final PACE total reaction mix at a 72x concentration.

For guidance on how to assemble the total reaction mix, please refer to either the PACE Master Mix User Guide or the PACE Quick Reference Guide (available online at www.3crbio.com/wp-content/uploads/2018/03/PACE-Quick-Ref-Guide-v1.2.pdf).