

Table 1. Dharmacon ON-TARGET plus™ SMARTpools® siRNA target sequences for PKC isoforms and primer/probe sequences for real-time PCR assays

Isoform				
PKC δ	CCAUGUAUCCUGAG UGGAA	CCAAGGUGUUGAUGUC UGU	AAAGAACGCUUCAACA UCG	CCGCACCGCUUCAAGG UUC
PKC η	GCACCUGUGUCGUCC AUAA	CCACGAGGGUCACUGU AAA	UAACCAGGAUGAGUUU AGA	CAUAUUCGAUGUCAAG CGA
PKC ζ	CGUCAAAAGCCUCCCA UGUU	GCAGGACUUUGACCUA AUC	GACCAAUUUACGCCA UGA	GAGUAUAUCAACCCAU UAU
PKC ι	AGAAAUCAGUCUAG CAUUA	CAAGUGUUCUGAAGAG UUU	GAGGAGACCUGAAUGUU UCA	GCAAUGAACACCAGGG AAA

Sigma MISSION™ siRNA Human Kinase Panel sequences

Isoform			
PKC α	CACAUUCAGCAAGUAGGAATT UUCCUACUUGCUGAAUGUGTT	CAAAGUGUGUGGCAAAGGATT UCCUUUGCCACACACUUUGTT	CCAACAACCUUGACCGAGUTT ACUCGGUCAAGGUUGUUGGTT
PKC β	CAGAGUAAGGGCAUCAUUUTT AAAUGAUGCCCUUACUCUGTT	GCAUCUACAUCAGGCCATT UGGGCCUGGAUGUAGAUGCTT	GAUGAACUCUCCAUCATT UGGAUUGGAAGAGUUCAUCTT
PKC γ	CUGACUUUGGCAUGUGUAATT UUACACAUGCCAAAGUCAGTT	GACUUGAGCGGAGCCGATT AUCGGGCUCCGCUCAGUCTT	CAGAAGACCCGAACGGUGATT UCACCGUUCGGGUCUUCUGTT
PKC δ	CUCUUUGAAAGGGAACCAATT UUGGUUCCCUUCAAGAGTT	CAACCAAGAGGCUGGGAGUTT ACUCCAGCCUCUUGGUUGTT	CACAAGAAUUGCAUCGACATT UGUCGAUGCAUUUCUUGUGTT
PKC ϵ	GUCAUCUACAGGGAUUUGATT UCAAAUCCUGUJAGAUACTT	GGAUUGAUCUGGAGCCAGATT UCUGGCUCAGAUCAAUCCTT	CAGAUUCAGCGCUCCCGAATT UUCGGGAGCGCUGAAUCUGTT
PKC η	CAAAGUGGAUUCAAAGAUUTT AAUCUUUGAAUCCACUUUGTT	CAUGUUCUCCAUGAUAAATT UUUAUCAUGGAGGAACAUGTT	GAAUGCACCAUGACCGAGATT UCUCGGUCAUGGUCAUUCTT
PKC θ	CCAUGAUUGAGAGCACUCATT UGAGUGCUCUCAUCAUGGTT	GACAUUCAAGAUCCGCGATT UCCGCGAUCUUGAUJUGUCTT	GCUGAAACCUCAGGCCGATT UCGGCCUUGAGGUUCAGCTT
PKC ζ	GAUUGACCCUUUAACUGUATT UACAGUUAAAGGGUCAUUCTT	GUUCGAAGGCUUUGAGUATT AUACUCAAGCCUUCGAACTT	GGACUUUGACCUAAUCAGATT UCUGAUUAGGUCAAAGUCCTT
PKC ι	CUUUCCAAGCCAAGCGUUUTT AAACGCUUGGCUUGGAAAGTT	GAAGAUUGAUCAGUCUGAATT UUCAGACUGAUCAAUCUUCTT	GGAUUAUCUCUCCAAGUUTT AACUUGGAAGAGAUAAUCCTT