

Supplemental table 1. Primer groups with the same short name in probeBase

Old short name	Full name	Position	Sequence
1046R	S-D-Bact-1046-b-A-19	1046-1064	CGACAGCCATGCANCACCT
1046R	S-D-Bact-1028-b-A-19	1028-1046	CGACARCCATGCASCACCT
1391R	S-D-Bact-1391-b-A-17	1391-1407	GACGGGCGGTGTGTRCA
1391R	S-D-Bact-1391-a-A-17	1391-1407	GACGGGCGGTGWGTRCA
27F	S-D-Bact-0008-d-S-20	6-25	AGAGTTTGATCMTGGCTCAG
27F	S-D-Bact-0009-b-S-19	9-27	GAGTTTGATCMTGGCTCAG
27F	S-D-Bact-0008-c-S-20	8-27	AGRGTTYGATYMTGGCTCAG
UA1406R	S-*-Univ-1390-b-A-17	1390-1406	ACGGGCGGTGWGTRCAA
UA1406R	S-*-Univ-1390-a-A-17	1390-1406	ACGGGCGGTGTGTRCAA
1492R	S-D-Bact-1493-a-A-16	1493-1508	NTACCTTGTTACGACT
1492R	S-D-Bact-1492-a-A-19	1492-1510	RGYTACCTTGTTACGACTT
1492R	S-D-Bact-1492-a-A-22	1492-1513	TACGGYTACCTTGTTACGACTT
518R	S-D-Bact-0518-b-A-17	518-534	WTTACCGCGGCTGCTGG
518R	S-D-Bact-0518-a-A-17	518-534	ATTACCGCGGCTGCTGG
P518R	S-D-Bact-0518-a-A-17	518-534	ATTACCGCGGCTGCTGG
784F	S-D-Bact-0784-a-S-19	784-802	AGGATTAGATACCCTGGTA
784F	S-D-Bact-0784-a-S-15	784-798	AGGATTAGATACCCT
917F	S-D-Bact-0917-a-S-18	917-934	GAATTGACGGGGRCCCGC
917F	S-D-Bact-0917-a-S-16	917-932	GAATTGACGGGGRCCC
967F	S-D-Bact-0967-b-S-19	967-985	ATACGCGAGGAACCTTACC
967F	S-D-Bact-0967-a-S-19	967-985	CAACGCGAAGAACCTTACC
Bac967Fb	S-D-Bact-0967-d-S-19	967-985	CAACGCGAAAAACCTTACC
Bac967Fd	S-D-Bact-0967-f-S-19	967-985	ATACGCGARGAACCTTACC
806R	S-D-Bact-0787-b-A-20	787-806	GGACTACHVGGGTATCTAAT
A806R	S-D-Arch-0786-a-A-20	786-805	GGACTACVSGGGTATCTAAT
E806R	S-D-Bact-0787-a-A-20	787-806	GGACTACCAGGGTATCTAAT
1061R	S-D-Bact-1061-a-A-19	1061-1079	CACGRCACGAGCTGACGAC
1061R	S-D-Bact-1061-a-A-17	1061-1077	CRRCACGAGCTGACGAC
1061Rv	S-D-Bact-1061-a-A-20	1061-1080	TCACGRCACGAGCTGACGAC
909F	S-D-Bact-0909-a-S-18	909-926	ACTCAAAGAATWGACGG
909F	S-D-Bact-0907-a-S-20	907-926	AAACTYAAARRAATTGACGG
Arch958BF	S-D-Arch-0938-b-S-19	938-956	AATTGGABTCAACGCCGGR
Arch958BF	S-D-Arch-0958-a-S-19	958-976	AATTGGABTCAACGCCGGR
Arch958F	S-D-Arch-0958-a-S-19	958-975	AATTGGANTCAACGCCGG
Arch958F	S-D-Arch-0938-a-S-19	938-956	AATTGGAKTCAACGCCGGR