

Taxon 1	ACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGC
Taxon 2	ACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGC
Taxon 3	ACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGC
Taxon 4	ACTGGCTTTGCAGAGTGTCTTG
Taxon 4	AGAGTGTCTTGTGTGTGTCCAAAATCGGC
Taxon 5	TGCAGAGTGACTTGAAGTGTGTACAAAATCG
Taxon 6	TCGATACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGCTA

-c [collapse overlapping fragments]

Taxon 1	ACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGC
Taxon 2	ACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGC
Taxon 3	ACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGC
Taxon 4 (<i>collapsed</i>)	ACTGGCTTTGCAGAGTGTCTTGTGTGTGTCCAAAATCGGC
Taxon 5	TGCAGAGTGACTTGAAGTGTGTACAAAATCG
Taxon 6	TCGATACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGCTA

-b [blunt alignment borders]

Taxon 1	ACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGC
Taxon 2	ACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGC
Taxon 3	ACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGC
Taxon 4	ACTGGCTTTGCAGAGTGTCTTG
Taxon 4	AGAGTGTCTTGTGTGTGTCCAAAATCGGC
Taxon 5	TGCAGAGTGACTTGAAGTGTGTACAAAATCG
Taxon 6	ACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCG

-r [reference sequence FASTA]

Reference TGTCGCCTCGATACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGCTAGCTTG

Taxon 1	ACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGC
Taxon 2	ACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGC
Taxon 3	ACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGC
Taxon 4	ACTGGCTTTGCAGAGTGTCTTG
Taxon 4	AGAGTGTCTTGTGTGTGTCCAAAATCGGC
Taxon 5	TGCAGAGTGACTTGAAGTGTGTACAAAATCG
Taxon 6	TCGATACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGCTA

-A [identifies private variants of group A vs 'rest']

-B [requires -A, group B is used as 'rest']

Group A	Taxon 6	TCGATACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGCTA
	Taxon 1	ACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGC
	Taxon 2	ACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGC
	Taxon 3	ACTGGCTTTGCACAGTGACTTGTGTGTGTACAAAATCGGC
Group B	Taxon 4	ACTGGCTTTGCAGAGTGTCTTG
	Taxon 4	AGAGTGTCTTGTGTGTGTCCAAAATCGGC
	Taxon 5	TGCAGAGTGACTTGAAGTGTGTACAAAATCG