

## Forward matchings

Gene: example\_gene.txt  
Pool: example\_pool.txt  
Mismatches: 0  
\*\*\*\*\*

Length: 5

Sequence	Frequency
GGGAT	3
ATCCC	2
AAACC	5

\*\*\*\*\*

Length: 6

Sequence	Frequency
TTCAGG	1
CGGGGA	3
CGGCTT	1

\*\*\*\*\*

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CGGGGA	3
CAGGTT	1
AGCCGA	1

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TCAGG	1
GGGAT	5
GATCC	1
ATCCC	8
TCCCC	1
GGGAA	4
GGAAA	2
GAAAC	2
AAACC	7
TCGGC	1

\*\*\*\*\*

Length: 6

Sequence	Frequency
TTCAGG	2
CAGGGA	3
CGGGGA	4
GGGGAA	1
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TCCCC	1
TTCCC	4
TTTCC	2
GTTTC	1
AGGTT	1
CGACC	4
AGCCG	5
AAGCC	8

\*\*\*\*\*

Length: 6

Sequence	Frequency
CCTGAA	1
CCCTGA	1
CGGGGA	4
AGGTTT	1
CAGGTT	1
AGCCGA	2

\*\*\*\*\*

**Figure S1 (Adkar-Purushothama et al.,)**

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\*\*\*\*\*

Figure S2 (Adkar-Purushothama et al.,)