

Supplementary material

A high-throughput screening system based on droplet microfluidics for glucose oxidase gene libraries

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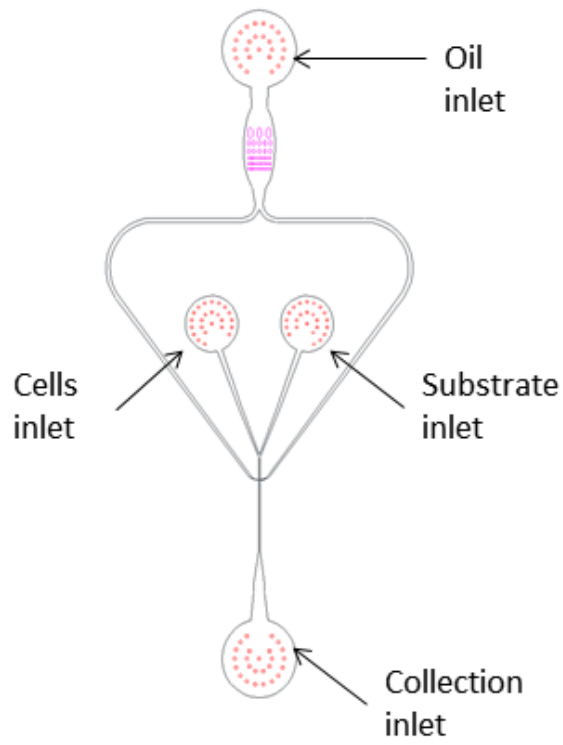
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Table 1. Primers for consensus library.

1	R37K	GACTCACCACCGCTGCTAAACTGACGGAGAACCCCAAC
2	S53F	TCATCGAAAGTGGCTTTTACGAGTCGGACAGAGG
3	V106I	CTCGGTGGCTCTACTCTAATTAATGGTGGCACCTGGAC
4	A192T	GGCTCTCATGAGCACTGTCTCGAAGACCG
5	N278D	CACAAGGGCAACACCCACGATGTTTACGCTAAGCACGAG
6	V293I	CCGCGGGCTCCGCTATTTCTCCCACAATCCTC
7	E310D	GAAGTCCATCCTGGATCCCCTTGGTATCGAC
8	E374D	CAACACCAAGCTGGATCAGTGGGCCGAAG
9	I403L	GAACTACCGCGACTGGTTGGTCAACCACAACGTCG
10	L429I	CTTCGATGTGTGGGACCTTATTCCTTCACCCGAGGATAC
11	I474L	GCTACTCAACTGGCCCGCAACTTGTCCAACCTCCGG
12	H510N	GACTGAGTACATCCCGTACAATTCCTCCTAACTACCATG
13	M528L	CATGATGCCGAAGGAGTTGGGCGGTGTTG
14	R537K	GTGTTGTTGATAATGCTGCCAAAGTGTATGGTGTGCAGGGAC
15	M556V	GTTCTATTCCTCCTACGCAAGTTTCGTCCCATGTCATGACGG
16	I597V	CGCCTGGACTGAGTACGTTCCGTACCACTTCCGTC

Co-flow encapsulation device 25 um channels



Sorting device 25 um channels

