

MAS-Seq for 10x 3' concatenation kit

Product PN: 102-407-900

Description

The MAS-Seq for 10x 3' concatenation kit generates a concatenated library from cDNA molecules generated from the 10x Chromium systems using their single cell 3' kit. The generated library contains programmed adapters that can be directly sequenced on PacBio long-read systems.

This is part 1 of a bundle for the MAS-Seq for single cell 3' kit (102-659-600), which should be sold together with the MAS capture beads kit (102-428-400) and SMRTbell® cleanup beads (102-158-300).

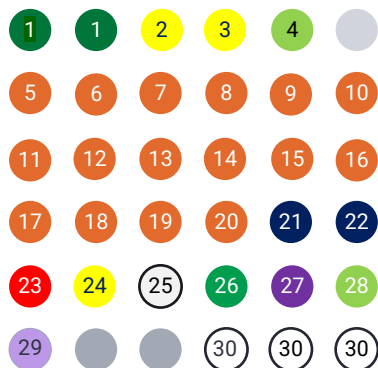
Kit configuration & layout

Configuration

#	Component	Part number	Qty	Color	Volume
1	MAS PCR Mix	102-692-800	1	green	900 µL
1	MAS PCR Mix	102-692-800	1	green	900 µL
2	MAS capture primer Fwd	102-693-300	1	yellow	40 µL
3	MAS capture primer Rev	102-693-900	1	yellow	40 µL
4	MAS Enzyme	102-692-900	1	Light green	110 µL
5	MAS primers premix A	102-694-000	1	orange	25 µL
6	MAS primers premix B	102-694-100	1	orange	25 µL
7	MAS primers premix C	102-694-200	1	orange	25 µL
8	MAS primers premix D	102-694-300	1	orange	25 µL
9	MAS primers premix E	102-694-400	1	orange	25 µL
10	MAS primers premix F	102-694-500	1	orange	25 µL
11	MAS primers premix G	102-694-600	1	orange	25 µL
12	MAS primers premix H	102-694-700	1	orange	25 µL
13	MAS primers premix I	102-694-800	1	orange	25 µL
14	MAS primers premix J	102-694-900	1	orange	25 µL
15	MAS primers premix K	102-695-000	1	orange	25 µL
16	MAS primers premix L	102-695-100	1	orange	25 µL

#	Component	Part number	Qty	Color	Volume
17	MAS primers premix M	102-695-300	1	orange	25 µL
18	MAS primers premix N	102-695-500	1	orange	25 µL
19	MAS primers premix O	102-695-600	1	orange	25 µL
20	MAS primers premix P	102-695-700	1	orange	25 µL
21	MAS adapter A Fwd	102-695-800	1	blue	16 µL
22	MAS adapter Q Rev	102-695-900	1	blue	16 µL
23	MAS Ligation Additive	102-696-400	1	red	180 µL
24	MAS Ligase	102-693-000	1	yellow	90 µL
25	MAS Ligase buffer	102-693-100	1	white	90 µL
26	DNA Repair mix	102-696-000	1	green	32 µL
27	Repair buffer	102-696-100	1	purple	96 µL
28	Nuclease mix	102-696-200	1	light Green	80 µL
29	Nuclease buffer	102-696-300	1	light purple	80 µL
30	Elution buffer	102-700-900	1	white	1500 µL
30	Elution buffer	102-700-900	1	white	1500 µL
30	Elution buffer	102-700-900	1	white	1500 µL

Layout



Quantities

8 reactions

Storage and handling requirements

Product should be stored frozen between -15 to -25 °C.

Refer to protocols for additional recommendations for reagent handling.

Shelf life

Refer to expiration date on kit label.

Intended use

Research use only. Not for use in diagnostic procedures.

Support

For additional product and technical information, such as safety data sheets (SDS) or procedures, visit our [website](#).

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