

Quick-16S™ NGS Library Prep Kit

Catalog Nos. D6400, D6410

Plate Setup Guide



Plate Setup for Index Primer Set A (Catalog No. D6400-C, Included in D6400)

The suggested plate setup for use with Index Primer Set A is shown below.

		Index Primers ZA7xx												
		ZA701	ZA702	ZA703	ZA704	ZA705	ZA706	ZA707	ZA708	ZA709	ZA710	ZA711	ZA712	
		1	2	3	4	5	6	7	8	9	10	11	12	
Index Primers ZA5xx	ZA501	A	S1	S9	S17	S25	S33	S41	S49	S57	S65	S73	S81	S89
	ZA502	B	S2	S10	S18	S26	S34	S42	S50	S58	S66	S74	S82	S90
	ZA503	C	S3	S11	S19	S27	S35	S43	S51	S59	S67	S75	S83	S91
	ZA504	D	S4	S12	S20	S28	S36	S44	S52	S60	S68	S76	S84	S92
	ZA505	E	S5	S13	S21	S29	S37	S45	S53	S61	S69	S77	S85	S93
	ZA506	F	S6	S14	S22	S30	S38	S46	S54	S62	S70	S78	S86	S94
	ZA507	G	S7	S15	S23	S31	S39	S47	S55	S63	S71	S79	S87	POS*
	ZA508	H	S8	S16	S24	S32	S40	S48	S56	S64	S72	S80	S88	NEG**

* POS: The ZymoBIOMICS® Microbial Community DNA Standard should be used as a positive control.

** NEG: A no template control should be used as a negative control.

Plate Setup for Index Primer Set Z (Catalog No. D6410-C, Included in D6410)

The suggested plate setup for use with Index Primer Set Z is shown below.

		Index Primers ZA7xx												
		ZA701	ZA702	ZA703	ZA704	ZA705	ZA706							
		1	2	3	4	5	6	7	8	9	10	11	12	
Index Primers ZA5xx	ZA501	A	S1	S5	S9	S13	S17	S21						
	ZA502	B	S2	S6	S10	S14	S18	S22						
	ZA503	C	S3	S7	S11	S15	S19	POS*						
	ZA504	D	S4	S8	S12	S16	S20	NEG**						
		E												
		F												
		G												
		H												

* POS: The ZymoBIOMICS® Microbial Community DNA Standard should be used as a positive control.

** NEG: A no template control should be used as a negative control.

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Plate Setup Guide



Plate Setup for Index Primer Set B (Catalog No. D6400-D, Custom Order)

The suggested plate setup for use with Index Primer Set B is shown below.

		Index Primers ZB7xx											
		ZB701	ZB702	ZB703	ZB704	ZB705	ZB706	ZB707	ZB708	ZB709	ZB710	ZB711	ZB712
		1	2	3	4	5	6	7	8	9	10	11	12
Index Primers ZA5xx	ZA501 A	S1	S9	S17	S25	S33	S41	S49	S57	S65	S73	S81	S89
	ZA502 B	S2	S10	S18	S26	S34	S42	S50	S58	S66	S74	S82	S90
	ZA503 C	S3	S11	S19	S27	S35	S43	S51	S59	S67	S75	S83	S91
	ZA504 D	S4	S12	S20	S28	S36	S44	S52	S60	S68	S76	S84	S92
	ZA505 E	S5	S13	S21	S29	S37	S45	S53	S61	S69	S77	S85	S93
	ZA506 F	S6	S14	S22	S30	S38	S46	S54	S62	S70	S78	S86	S94
	ZA507 G	S7	S15	S23	S31	S39	S47	S55	S63	S71	S79	S87	POS*
	ZA508 H	S8	S16	S24	S32	S40	S48	S56	S64	S72	S80	S88	NEG**

* POS: The ZymoBIOMICS® Microbial Community DNA Standard should be used as a positive control.

** NEG: A no template control should be used as a negative control.

Plate Setup for Index Primer Set C (Catalog No. D6400-E, Custom Order)

The suggested plate setup for use with Index Primer Set C is shown below.

		Index Primers ZA7xx											
		ZA701	ZA702	ZA703	ZA704	ZA705	ZA706	ZA707	ZA708	ZA709	ZA710	ZA711	ZA712
		1	2	3	4	5	6	7	8	9	10	11	12
Index Primers ZB5xx	ZB501 A	S1	S9	S17	S25	S33	S41	S49	S57	S65	S73	S81	S89
	ZB502 B	S2	S10	S18	S26	S34	S42	S50	S58	S66	S74	S82	S90
	ZB503 C	S3	S11	S19	S27	S35	S43	S51	S59	S67	S75	S83	S91
	ZB504 D	S4	S12	S20	S28	S36	S44	S52	S60	S68	S76	S84	S92
	ZB505 E	S5	S13	S21	S29	S37	S45	S53	S61	S69	S77	S85	S93
	ZB506 F	S6	S14	S22	S30	S38	S46	S54	S62	S70	S78	S86	S94
	ZB507 G	S7	S15	S23	S31	S39	S47	S55	S63	S71	S79	S87	POS*
	ZB508 H	S8	S16	S24	S32	S40	S48	S56	S64	S72	S80	S88	NEG**

* POS: The ZymoBIOMICS® Microbial Community DNA Standard should be used as a positive control.

** NEG: A no template control should be used as a negative control.

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Plate Setup Guide



Plate Setup for Index Primer Set D (Catalog No. D6400-F, Custom Order)

The suggested plate setup for use with Index Primer Set D is shown below.

		Index Primers ZB7xx												
		ZB701	ZB702	ZB703	ZB704	ZB705	ZB706	ZB707	ZB708	ZB709	ZB710	ZB711	ZB712	
		1	2	3	4	5	6	7	8	9	10	11	12	
Index Primers ZB5xx	ZB501	A	S1	S9	S17	S25	S33	S41	S49	S57	S65	S73	S81	S89
	ZB502	B	S2	S10	S18	S26	S34	S42	S50	S58	S66	S74	S82	S90
	ZB503	C	S3	S11	S19	S27	S35	S43	S51	S59	S67	S75	S83	S91
	ZB504	D	S4	S12	S20	S28	S36	S44	S52	S60	S68	S76	S84	S92
	ZB505	E	S5	S13	S21	S29	S37	S45	S53	S61	S69	S77	S85	S93
	ZB506	F	S6	S14	S22	S30	S38	S46	S54	S62	S70	S78	S86	S94
	ZB507	G	S7	S15	S23	S31	S39	S47	S55	S63	S71	S79	S87	POS*
	ZB508	H	S8	S16	S24	S32	S40	S48	S56	S64	S72	S80	S88	NEG**

* POS: The ZymoBIOMICS® Microbial Community DNA Standard should be used as a positive control.

** NEG: A no template control should be used as a negative control.