

# Primer ordering (SCI)

Use the [attached file](#) for ordering 2 primer plates of 72+72 indices with this layout for spotting:

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
24																
23																
22																
21																
20																
19																
18																
17	i5-65	i7-65	i5-66	i7-66	i5-67	i7-67	i5-68	i7-68	i5-69	i7-69	i5-70	i7-70	i5-71	i7-71	i5-72	i7-72
16																
15	i5-57	i7-57	i5-58	i7-58	i5-59	i7-59	i5-60	i7-60	i5-61	i7-61	i5-62	i7-62	i5-63	i7-63	i5-64	i7-64
14																
13	i5-49	i7-49	i5-50	i7-50	i5-51	i7-51	i5-52	i7-52	i5-53	i7-53	i5-54	i7-54	i5-55	i7-55	i5-56	i7-56
12																
11	i5-41	i7-41	i5-42	i7-42	i5-43	i7-43	i5-44	i7-44	i5-45	i7-45	i5-46	i7-46	i5-47	i7-47	i5-48	i7-48
10																
9	i5-33	i7-33	i5-34	i7-34	i5-35	i7-35	i5-36	i7-36	i5-37	i7-37	i5-38	i7-38	i5-39	i7-39	i5-40	i7-40
8																
7	i5-25	i7-25	i5-26	i7-26	i5-27	i7-27	i5-28	i7-28	i5-29	i7-29	i5-30	i7-30	i5-31	i7-31	i5-32	i7-32
6																
5	i5-17	i7-17	i5-18	i7-18	i5-19	i7-19	i5-20	i7-20	i5-21	i7-21	i5-22	i7-22	i5-23	i7-23	i5-24	i7-24
4																
3	i5-09	i7-09	i5-10	i7-10	i5-11	i7-11	i5-12	i7-12	i5-13	i7-13	i5-14	i7-14	i5-15	i7-15	i5-16	i7-16
2																
1	i5-01	i7-01	i5-02	i7-02	i5-03	i7-03	i5-04	i7-04	i5-05	i7-05	i5-06	i7-06	i5-07	i7-07	i5-08	i7-08
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	A	B	C	D	E	F	G	H	A	B	C	D	E	F	G	H
	Plate 1								Plate 2							

Use these settings for ordering and be sure to apply them to both plates:

<b>Name</b> <input type="text" value="GSC_72x72_SCI_1"/>	<b>Normalization Type</b> <input type="text" value="Normalized Yield"/>	Please make sure you have all your sequences and plate specifications entered before selecting replicates as it may change the number you can order. <b>Number of Additional Replicates</b> <input type="text" value="0"/> <b>Max: 0</b>
<b>Scale</b> <input type="text" value="100 nmole DNA oligo"/>	<b>Quantity(nmol)</b> <input type="text" value="13"/> <input type="button" value="Calculate"/> <b>Min: 1.3 Max: 13</b>	
<b>Purification</b> <input type="text" value="Standard Desalting"/>	<b>Concentration(μM)</b> <input type="text" value="100"/>	
<b>Plate Type</b> <input type="text" value="V-Bottom"/>	<b>Volume (μL)</b> <input type="text" value="130"/> <b>Min: 50 Max: 300</b>	
<b>Ship Option</b> <input type="text" value="Wet"/>	<b>Ship Remainder</b> <input type="text" value="No"/>	
<b>Buffer</b> <input type="text" value="IDTE 8.0 pH"/>		
<input type="button" value="Duplicate"/> <input type="button" value="Apply Settings to All Plates"/>		<input type="button" value="Remove"/>

## Primer aliquoting

When primers arrive, thaw them and make plates at 20uM with 0.1% tween in the final concentration.