

Assembly Strategy Report

Overview

Sequence		Assembly	
Name:	unknown	Duration:	31 days
User:	unknown	Cost:	3568.7 \$
On date:	2019/05/01	Commercial orders:	116 (3516.7 \$)
Length:	50000 bp		
Hash:	-5f8d560e87e96666		

Orders




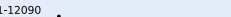






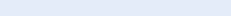

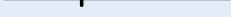





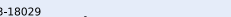




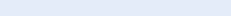

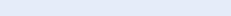

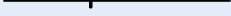

Orders from CheapDNA.com

ID	Length	Price	Lead time	Location
S00018	3980	398.0	15	2361-6340
S00037	2780	278.0	15	8661-11440
S00047	3980	398.0	15	12561-16540
S00097	1618	161.8	15	40049-41652
S00106	1218	121.8	15	42848-44052
S00124	2418	241.8	15	46449-48853








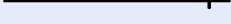

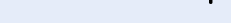

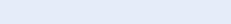








Orders from Oligo.com

ID	Length	Price	Lead time	Location
S00000	190	19.0	7	1-190
S00001	200	20.0	7	172-371
S00002	181	18.1	7	350-530

ID	Length	Price	Lead time	Location
S00003	199	19.9	7	512-710
S00004	199	19.9	7	692-890
S00005	180	18.0	7	871-1050
S00006	179	17.9	7	1032-1210
S00007	50	5.0	7	1191-1240
S00009	191	19.1	7	1161-1351
S00010	180	18.0	7	1331-1510
S00011	199	19.9	7	1492-1690
S00012	180	18.0	7	1671-1850
S00013	200	20.0	7	1831-2030
S00014	180	18.0	7	2011-2190
S00015	199	19.9	7	2172-2370
S00016	90	9.0	7	2351-2440
S00019	191	19.1	7	6261-6451
S00020	199	19.9	7	6431-6629
S00021	199	19.9	7	6612-6810
S00022	200	20.0	7	6791-6990
S00023	198	19.8	7	6972-7169
S00024	199	19.9	7	7152-7350
S00025	180	18.0	7	7331-7510
S00026	50	5.0	7	7491-7540
S00028	189	18.9	7	7461-7649
S00029	199	19.9	7	7632-7830
S00030	200	20.0	7	7811-8010
S00031	200	20.0	7	7991-8190
S00032	199	19.9	7	8172-8370
S00033	198	19.8	7	8352-8549
S00034	177	17.7	7	8533-8709
S00035	49	4.9	7	8692-8740

ID	Length	Price	Lead time	Location
S00038	190	19.0	7	11361-11550 
S00039	200	20.0	7	11531-11730 
S00040	200	20.0	7	11712-11911 
S00041	200	20.0	7	11891-12090 
S00042	199	19.9	7	12072-12270 
S00043	200	20.0	7	12251-12450 
S00044	180	18.0	7	12432-12611 
S00045	50	5.0	7	12591-12640 
S00048	188	18.8	7	16461-16648 
S00049	196	19.6	7	16633-16828 
S00050	196	19.6	7	16813-17008 
S00051	197	19.7	7	16993-17189 
S00052	197	19.7	7	17173-17369 
S00053	197	19.7	7	17353-17549 
S00054	176	17.6	7	17533-17708 
S00055	48	4.8	7	17693-17740 
S00057	188	18.8	7	17661-17848 
S00058	197	19.7	7	17833-18029 
S00059	197	19.7	7	18013-18209 
S00060	197	19.7	7	18193-18389 
S00061	198	19.8	7	18372-18569 
S00062	198	19.8	7	18552-18749 
S00063	176	17.6	7	18733-18908 
S00064	48	4.8	7	18893-18940 
S00066	189	18.9	7	18861-19049 
S00067	197	19.7	7	19033-19229 
S00068	198	19.8	7	19212-19409 
S00069	197	19.7	7	19393-19589 
S00070	199	19.9	7	19572-19770 

ID	Length	Price	Lead time	Location
S00071	198	19.8	7	19752-19949
S00072	182	18.2	7	19932-20113
S00073	52	5.2	7	20089-20140
S00075	189	18.9	7	20061-20249
S00076	198	19.8	7	20232-20429
S00077	198	19.8	7	20413-20610
S00078	199	19.9	7	20592-20790
S00079	200	20.0	7	20771-20970
S00080	199	19.9	7	20952-21150
S00083	25	2.5	7	20851-20875
S00084	26	2.6	7	30125-30150
S00086	25	2.5	7	29851-29875
S00087	26	2.6	7	39125-39150
S00089	190	19.0	7	38851-39033
S00090	200	20.0	7	39014-39213
S00091	199	19.9	7	39195-39393
S00092	198	19.8	7	39375-39572
S00093	179	17.9	7	39555-39733
S00094	198	19.8	7	39715-39912
S00095	164	16.4	7	39896-40052
S00098	190	19.0	7	41648-41831
S00099	180	18.0	7	41812-41991
S00100	200	20.0	7	41972-42171
S00101	200	20.0	7	42152-42351
S00102	198	19.8	7	42333-42530
S00103	197	19.7	7	42513-42709
S00104	166	16.6	7	42694-42852
S00107	189	18.9	7	44049-44230
S00108	198	19.8	7	44214-44411

ID	Length	Price	Lead time	Location
S00109	199	19.9	7	44393-44591 
S00110	182	18.2	7	44572-44753 
S00111	182	18.2	7	44730-44911 
S00112	200	20.0	7	44892-45091 
S00113	187	18.7	7	45073-45252 
S00115	191	19.1	7	45248-45432 
S00116	180	18.0	7	45412-45591 
S00117	180	18.0	7	45572-45751 
S00118	199	19.9	7	45733-45931 
S00119	180	18.0	7	45912-46091 
S00120	199	19.9	7	46072-46270 
S00121	159	15.9	7	46253-46411 
S00122	67	6.7	7	46393-46452 
S00125	190	19.0	7	48849-49031 
S00126	199	19.9	7	49013-49211 
S00127	200	20.0	7	49192-49391 
S00128	181	18.1	7	49372-49552 
S00129	181	18.1	7	49531-49711 
S00130	200	20.0	7	49693-49892 
S00131	137	13.7	7	49871-50000 

PCR Re-use

Extracted from *E. coli* Genome (PCR)

ID	Primers	Price	Lead time	Location
S00085	S00083, S00084	6.1	10	20851-30150 
S00088	S00086, S00087	6.1	10	29851-39150 

Assemblies

Assembly S00135

Station	Method	Fragments	Final size	Location
Chunks assembly (Yeast)		4	50000	

Fragments used in this assembly: [S00082](#), [S00085](#), [S00088](#), [S00133](#),

Assembly S00082

Station	Method	Fragments	Final size	Location
Gibson Blocks Assembly		12	21150	

Fragments used in this assembly: [S00008](#), [S00017](#), [S00018](#), [S00027](#), [S00036](#), [S00037](#), [S00046](#), [S00047](#), [S00056](#), [S00065](#), [S00074](#), [S00081](#),

Assembly S00008

Station	Method	Fragments	Final size	Location
Oligo Assembly Station		8	1240	

Fragments used in this assembly: [S00000](#), [S00001](#), [S00002](#), [S00003](#), [S00004](#), [S00005](#), [S00006](#), [S00007](#),

Assembly S00017

Station	Method	Fragments	Final size	Location
Oligo Assembly Station		8	1280	


Fragments used in this assembly: [S00009](#), [S00010](#), [S00011](#), [S00012](#), [S00013](#), [S00014](#), [S00015](#), [S00016](#),

Assembly S00027

Station	Method	Fragments	Final size	Location
Oligo Assembly Station		8	1280	

Fragments used in this assembly: [S00019](#), [S00020](#), [S00021](#), [S00022](#), [S00023](#), [S00024](#), [S00025](#), [S00026](#),

Assembly S00036

Station	Method	Fragments	Final size	Location
Oligo Assembly Station		8	1280	

Fragments used in this assembly: [S00028](#), [S00029](#), [S00030](#), [S00031](#), [S00032](#), [S00033](#), [S00034](#), [S00035](#),

Assembly S00046

Station	Method	Fragments	Final size	Location
Oligo Assembly Station		8	1280	

Fragments used in this assembly: [S00038](#), [S00039](#), [S00040](#), [S00041](#), [S00042](#), [S00043](#), [S00044](#), [S00045](#),

Assembly S00056

Station	Method	Fragments	Final size	Location
Oligo Assembly Station		8	1280	

Fragments used in this assembly: [S00048](#), [S00049](#), [S00050](#), [S00051](#), [S00052](#), [S00053](#), [S00054](#), [S00055](#),

Assembly S00065

Station	Method	Fragments	Final size	Location
Oligo Assembly Station		8	1280	

Fragments used in this assembly: [S00057](#), [S00058](#), [S00059](#), [S00060](#), [S00061](#), [S00062](#), [S00063](#), [S00064](#),

Assembly S00074

Station	Method	Fragments	Final size	Location
Oligo Assembly Station		8	1280	


Fragments used in this assembly: [S00066](#), [S00067](#), [S00068](#), [S00069](#), [S00070](#), [S00071](#), [S00072](#), [S00073](#),

Assembly S00081

Station	Method	Fragments	Final size	Location
Oligo Assembly Station		6	1090	


Fragments used in this assembly: [S00075](#), [S00076](#), [S00077](#), [S00078](#), [S00079](#), [S00080](#),

Assembly S00133

Station	Method	Fragments	Final size	Location
Golden Gate Blocks Assembly		8	11150	


Fragments used in this assembly: [S00096](#), [S00097](#), [S00105](#), [S00106](#), [S00114](#), [S00123](#), [S00124](#), [S00132](#),

Assembly S00096

Station	Method	Fragments	Final size	Location
Oligo Assembly Station		7	1216	


Fragments used in this assembly: [S00089](#), [S00090](#), [S00091](#), [S00092](#), [S00093](#), [S00094](#), [S00095](#),

Assembly S00105

Station	Method	Fragments	Final size	Location
Oligo Assembly Station		7	1218	

Fragments used in this assembly: [S00098](#), [S00099](#), [S00100](#), [S00101](#), [S00102](#), [S00103](#), [S00104](#),

Assembly S00114

Station	Method	Fragments	Final size	Location
Oligo Assembly Station		7	1218	


Fragments used in this assembly: [S00107](#), [S00108](#), [S00109](#), [S00110](#), [S00111](#), [S00112](#), [S00113](#),

Assembly S00123

Station	Method	Fragments	Final size	Location
Oligo Assembly Station		8	1218	

Fragments used in this assembly: [S00115](#), [S00116](#), [S00117](#), [S00118](#), [S00119](#), [S00120](#), [S00121](#), [S00122](#),

Assembly S00132

Station	Method	Fragments	Final size	Location
Oligo Assembly Station		7	1166	

Fragments used in this assembly: [S00125](#), [S00126](#), [S00127](#), [S00128](#), [S00129](#), [S00130](#), [S00131](#),