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FASTA Results

SUBMISSION PARAMETERS

Title	58188-16s	Database	em_rel_pro
Sequence length	941	Sequence type	n
Program	fasta	Version	35.04 Mar. 8, 2009
Expectation upper value	10.0	Sequence range	1-
Number of scores	50	Number of alignments	50
Word size	6	Open gap penalty	-14
Gap extension penalty	-4	Histogram	false

<u>Alignment</u>	<u>DB:ID</u>	<u>Source</u>	<u>Length</u>	<u>Identity%</u>	<u>Similar%</u>	<u>Overlap</u>	<u>E()</u>
1	EM_PRO:D83373	Staphylococcus simulans gene for	1476	99.9	99.9	941	0
2	EM_PRO:AY167961	Swine manure bacterium RT-22	1546	99.7	99.7	941	0
3	EM_PRO:Y15753	Staphylococcus piscifermentans 1	1545	97.9	97.9	941	6.9e-213
4	EM_PRO:AB009943	Staphylococcus piscifermenta	1493	97.9	97.9	941	7e-213
5	EM_PRO:AM295250	Staphylococcus carnosus subs	2566424	97.7	97.7	941	8.2e-213
6	EM_PRO:AM295250	Staphylococcus carnosus subs	2566424	97.7	97.7	941	8.2e-213
7	EM_PRO:Y15750	Staphylococcus condimenti 16S rR	1545	97.7	97.7	941	5.3e-212
11	EM_PRO:Y15754	Staphylococcus piscifermentans 1	1544	97.7	97.7	941	2.6e-211
12	EM_PRO:AM157439	Staphylococcus epidermidis 1	1558	97.4	97.4	941	4e-211
13	EM_PRO:AB009934	Staphylococcus carnosus gene	1493	97.4	97.4	941	4.1e-211
8	EM_PRO:AE015929	Staphylococcus epidermidis A	2499279	97.3	97.3	941	1.7e-211
9	EM_PRO:AM295250	Staphylococcus carnosus subs	2566424	97.3	97.3	941	1.7e-211
10	EM_PRO:CP000029	Staphylococcus epidermidis R	2616530	97.3	97.3	941	1.7e-211
19	EM_PRO:AF269927	Staphylococcus epidermidis s	3821	97.3	97.3	941	7.7e-211
20	EM_PRO:AF270147	Staphylococcus epidermidis s	3657	97.3	97.3	941	7.9e-211
21	EM_PRO:EU382221	Geobacillus stearothermophil	1549	97.3	97.3	941	1.1e-210
22	EM_PRO:AB177644	Staphylococcus sp. H780 gene	1542	97.3	97.3	941	1.1e-210
23	EM_PRO:AJ717377	Staphylococcus epidermidis 1	1527	97.3	97.3	941	1.1e-210
24	EM_PRO:AJ880759	Staphylococcus epidermidis p	1520	97.3	97.3	941	1.1e-210
25	EM_PRO:AY864655	Staphylococcus sp. SA6 16S r	1517	97.3	97.3	941	1.1e-210
26	EM_PRO:DQ490407	Staphylococcaceae bacterium	1514	97.3	97.3	941	1.1e-210
27	EM_PRO:DQ490408	Staphylococcaceae bacterium	1514	97.3	97.3	941	1.1e-210
28	EM_PRO:AY587794	Bacterium Te66A 16S ribosoma	1512	97.3	97.3	941	1.1e-210
29	EM_PRO:DQ393032	Rumen bacterium R3-40 16S ri	1503	97.3	97.3	941	1.1e-210
30	EM_PRO:AY741152	Staphylococcus epidermidis s	1498	97.3	97.3	941	1.1e-210

31	EM_PRO:AY030342	Staphylococcus epidermidis s	1492	97.3	97.3	941	1.1e-210
32	EM_PRO:AY030340	Staphylococcus epidermidis s	1488	97.3	97.3	941	1.1e-210
33	EM_PRO:EU888120	Staphylococcus microti strai	1477	97.3	97.3	941	1.1e-210
34	EM_PRO:AY030317	Staphylococcus epidermidis s	1477	97.3	97.3	941	1.1e-210
35	EM_PRO:EU888123	Staphylococcus microti strai	1477	97.3	97.3	941	1.1e-210
36	EM_PRO:DQ268865	Staphylococcus epidermidis s	1475	97.3	97.3	941	1.1e-210
37	EM_PRO:D83363	Staphylococcus epidermidis gene	1475	97.3	97.3	941	1.1e-210
38	EM_PRO:L37605	Staphylococcus epidermidis 16S r	1468	97.3	97.3	941	1.1e-210
39	EM_PRO:EU419922	Staphylococcus epidermidis s	1386	97.3	97.3	941	1.2e-210
40	EM_PRO:EU375136	Staphylococcus sp. RP22 16S	1245	97.3	97.3	941	1.2e-210
41	EM_PRO:AB461081	Staphylococcus sp. IK2_31 ge	1100	97.3	97.3	941	1.3e-210
42	EM_PRO:AB461013	Staphylococcus sp. IK1_30 ge	1100	97.3	97.3	941	1.3e-210
43	EM_PRO:AB461045	Staphylococcus sp. IK1_71 ge	1100	97.3	97.3	941	1.3e-210
44	EM_PRO:AB461079	Staphylococcus sp. IK2_27 ge	1100	97.3	97.3	941	1.3e-210
45	EM_PRO:AY587778	Bacterium Te13A 16S ribosoma	1517	97.2	97.3	941	1.6e-210
46	EM_PRO:FJ416862	Staphylococcus sp. S 16S rib	1437	97.2	97.3	941	1.6e-210
14	EM_PRO:CP000029	Staphylococcus epidermidis R	2616530	97.2	97.2	941	4.8e-211
15	EM_PRO:CP000029	Staphylococcus epidermidis R	2616530	97.2	97.2	941	4.8e-211
16	EM_PRO:CP000029	Staphylococcus epidermidis R	2616530	97.2	97.2	941	4.8e-211
17	EM_PRO:AE015929	Staphylococcus epidermidis A	2499279	97.2	97.2	941	4.8e-211
18	EM_PRO:AE015929	Staphylococcus epidermidis A	2499279	97.2	97.2	941	4.8e-211
47	EM_PRO:AY553115	Staphylococcus sp. MO28 16S	1505	97.2	97.2	941	2.2e-210
48	EM_PRO:AF269865	Staphylococcus epidermidis s	3308	97.2	97.2	941	2.3e-210
49	EM_PRO:AF269915	Staphylococcus epidermidis s	3253	97.2	97.2	941	2.3e-210
50	EM_PRO:AF269314	Staphylococcus epidermidis s	3169	97.2	97.2	941	2.3e-210