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FASTA Results

SUBMISSION PARAMETERS

Title	58102	Database	em_rel_pro
Sequence length	398	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:AY749436	Sphingomonas sp. SKJH-30 16S	1485	100.0	100.0	398	6.9e-71
2	EM_PRO:D16144	Sphingomonas paucimobilis gene f	1446	100.0	100.0	398	7e-71
3	EM_PRO:U37337	Sphingomonas paucimobilis strain	1414	100.0	100.0	398	7.1e-71
4	EM_PRO:AF498694	Bacterium Ellin312 16S ribos	413	100.0	100.0	398	1.4e-70
5	EM_PRO:AF498718	Bacterium Ellin336 16S ribos	398	99.7	100.0	398	1.9e-70
7	EM_PRO:AM234165	Sphingomonas sp. S15-S1 part	1405	100.0	100.0	392	1.1e-69
20	EM_PRO:EU770261	Sphingomonas sp. A7 16S ribo	1367	100.0	100.0	378	6.5e-67
8	EM_PRO:AB190162	Sphingomonas paucimobilis ge	417	99.7	99.7	398	1.1e-69
24	EM_PRO:FJ357610	Sphingomonas sp. BBN3PS-02d	1371	99.7	99.7	375	4.4e-66
6	EM_PRO:D84529	Sphingomonas sanguinis gene for	1359	99.5	99.5	397	3.4e-70
50	EM_PRO:AM887690	Sphingomonas paucimobilis pa	789	99.5	99.5	374	1e-64
9	EM_PRO:D84532	Novosphingobium capsulatum gene	1387	98.7	98.7	398	1.9e-69
10	EM_PRO:D84528	Sphingomonas paucimobilis gene f	1406	98.7	98.7	399	4.3e-69
11	EM_PRO:AB033944	Sphingomonas echinoides gene	1421	98.5	98.5	398	9.6e-69
12	EM_PRO:EU448284	Sphingomonas sp. EM0335 16S	1385	98.5	98.5	398	9.8e-69
13	EM_PRO:AJ746102	Sphingomonas sp. MG45 partia	416	98.5	98.5	399	4.3e-68
14	EM_PRO:AB461702	Sphingomonas sp. M225 gene f	1100	98.0	98.0	398	5.7e-68
17	EM_PRO:AF395038	Sphingomonas sp. CanClear1 1	1419	98.0	98.0	400	2.6e-67
49	EM_PRO:AM237364	Sphingomonas paucimobilis pa	1431	97.9	97.9	390	8.6e-65
15	EM_PRO:AB202193	Bacterium 072814 gene for 16	1445	97.7	97.7	398	1.1e-67
18	EM_PRO:AF479378	Glacial ice bacterium M3C1.8	1405	97.7	97.7	396	2.8e-67
21	EM_PRO:AB202209	Bacterium 072845 gene for 16	1446	97.5	97.5	398	9e-67
26	EM_PRO:AM412238	Sphingomonas pseudosanguinis	1387	97.5	97.5	396	8.2e-66
16	EM_PRO:D84519	Sphingomonas sp. MK331 gene for	1472	97.2	97.2	398	2.5e-67
19	EM_PRO:D84523	Sphingomonas sp. MK355 gene for	1394	97.2	97.2	398	4.5e-67

30	EM_PRO:AB202189	Bacterium 072806 gene for 16	1458	97.0	97.0	401	1.5e-65
25	EM_PRO:D16146	Sphingomonas adhaesiva gene for	1445	96.5	96.5	398	6.7e-66
36	EM_PRO:AB071955	Sphingomonas yabuuchiae gene	1454	96.5	96.5	400	3.4e-65
22	EM_PRO:D13726	Sphingomonas sanguis gene for 16	1414	96.2	96.2	398	1.7e-66
28	EM_PRO:AB288313	Sphingomonas sp. P5-5 gene f	1493	96.2	96.2	398	1.5e-65
29	EM_PRO:AJ001344	star-like microcolonies 16S	1480	96.2	96.2	398	1.5e-65
31	EM_PRO:AJ012461	Sphingomonas echinoides 16S	1437	96.2	96.2	398	1.5e-65
32	EM_PRO:AY962684	Sphingomonas rhizogenes stra	1342	96.2	96.2	398	1.6e-65
33	EM_PRO:AM989047	Sphingomonas sp. AKB-2008-HV	832	96.2	96.2	398	2.1e-65
34	EM_PRO:EF194813	Bacterium PML42 16S ribosoma	437	96.2	96.2	398	2.9e-65
40	EM_PRO:D84525	Sphingomonas parapaucimobilis ge	1388	96.2	96.2	400	6.1e-65
23	EM_PRO:D84522	Sphingomonas sp. MK347 gene for	1377	96.0	96.0	398	4e-66
35	EM_PRO:AB021370	Sphingomonas echinoides DNA	1463	96.0	96.0	398	3.4e-65
37	EM_PRO:AB366357	Sphingomonas sp. SBK-16 gene	1439	96.0	96.0	398	3.5e-65
38	EM_PRO:FJ654698	Sphingomonas sp. 12A 16S rib	1408	96.0	96.0	398	3.5e-65
39	EM_PRO:AB366358	Sphingomonas sp. SBK-17 gene	746	96.0	96.0	398	5e-65
43	EM_PRO:AY673250	Sphingomonadaceae bacterium	410	96.0	96.0	398	6.9e-65
44	EM_PRO:DQ337553	Sphingomonas sp. BBCT69 16S	1451	96.0	96.0	399	7.8e-65
46	EM_PRO:EU448288	Sphingomonas sp. GR040411 16	1412	96.0	96.0	399	7.9e-65
48	EM_PRO:AB288316	Sphingomonas sp. P5-36 gene	1275	96.0	96.0	399	8.4e-65
27	EM_PRO:D13725	Sphingomonas paucimobilis gene f	1418	95.7	95.7	398	8.9e-66
45	EM_PRO:DQ490369	Sphingomonadaceae bacterium	1450	95.7	95.7	398	7.8e-65
47	EM_PRO:AJ289965	Bacterium isolate AH76 16S r	1406	95.7	95.7	398	7.9e-65
41	EM_PRO:CP000699	Sphingomonas wittichii RW1,	5382261	95.0	95.0	398	6.7e-65
42	EM_PRO:CP000699	Sphingomonas wittichii RW1,	5382261	95.0	95.0	398	6.7e-65