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FASTA Results

SUBMISSION PARAMETERS

Title	58194-sodA	Database	em_rel_pro
Sequence length	384	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

Alignment	DB:ID	Source	Length	Identity%	Similar%	Overlap	E()
1	EM_PAT:AX354261	Sequence 72 from Patent WO01	429	100.0	100.0	384	3.8e-71
2	EM_PRO:AJ343912	Staphylococcus hominis subsp	429	100.0	100.0	384	3.8e-71
3	EM_PRO:AJ343911	Staphylococcus hominis subsp	429	99.2	99.2	384	4.9e-70
4	EM_PAT:AX354260	Sequence 71 from Patent WO01	429	99.2	99.2	384	4.9e-70
6	EM_PAT:AX354258	Sequence 69 from Patent WO01	429	89.8	89.8	384	1.2e-56
7	EM_PRO:AJ343909	Staphylococcus gallinarum pa	429	89.8	89.8	384	1.2e-56
10	EM_PAT:AX354252	Sequence 63 from Patent WO01	429	89.3	89.3	384	6.8e-56
11	EM_PRO:AJ343903	Staphylococcus cohnii subsp.	429	89.3	89.3	384	6.8e-56
5	EM_PRO:AP006716	Staphylococcus haemolyticus	2685015	89.1	89.1	384	4.5e-57
12	EM_PRO:AJ343949	Staphylococcus haemolyticus	429	89.1	89.1	384	1.6e-55
13	EM_PAT:AX354259	Sequence 70 from Patent WO01	429	89.1	89.1	384	1.6e-55
14	EM_PRO:AJ343950	Staphylococcus haemolyticus	429	89.1	89.1	384	1.6e-55
15	EM_PRO:AJ343910	Staphylococcus haemolyticus	429	89.1	89.1	384	1.6e-55
16	EM_PAT:AX354243	Sequence 54 from Patent WO01	429	88.8	88.8	384	3.8e-55
17	EM_PAT:AX354251	Sequence 62 from Patent WO01	429	88.8	88.8	384	3.8e-55
18	EM_PRO:AJ343902	Staphylococcus cohnii subsp.	429	88.8	88.8	384	3.8e-55
19	EM_PRO:AJ343894	Staphylococcus arlettae part	429	88.8	88.8	384	3.8e-55
8	EM_PRO:AE015929	Staphylococcus epidermidis A	2499279	88.3	88.3	384	5.9e-56
9	EM_PRO:CP000029	Staphylococcus epidermidis R	2616530	88.3	88.3	384	5.9e-56
20	EM_PRO:AF410177	Staphylococcus epidermidis s	944	88.3	88.3	384	1.3e-54
21	EM_PRO:AJ343947	Staphylococcus epidermidis p	429	88.3	88.3	384	2.1e-54
22	EM_PAT:AX354255	Sequence 66 from Patent WO01	429	88.3	88.3	384	2.1e-54
23	EM_PRO:AJ343946	Staphylococcus epidermidis p	429	88.3	88.3	384	2.1e-54
24	EM_PRO:AY842858	Staphylococcus succinus subs	429	88.3	88.3	384	2.1e-54
25	EM_PRO:AJ343906	Staphylococcus epidermidis p	429	88.3	88.3	384	2.1e-54

26	EM_PRO:AJ343948	Staphylococcus epidermidis p	429	88.0	88.0	384	4.9e-54
27	EM_PRO:AY845222	Staphylococcus succinus subs	429	88.0	88.0	384	4.9e-54
28	EM_PRO:AY571686	Staphylococcus xylosus strai	656	87.8	87.8	384	9e-54
29	EM_PRO:AY571691	Staphylococcus xylosus strai	656	87.8	87.8	384	9e-54
30	EM_PRO:AJ343897	Staphylococcus capitis subsp	429	87.8	87.8	384	1.2e-53
31	EM_PRO:AJ343951	Staphylococcus lugdunensis p	429	87.8	87.8	384	1.2e-53
32	EM_PRO:AJ343941	Staphylococcus capitis parti	429	87.8	87.8	384	1.2e-53
33	EM_PRO:AJ343939	Staphylococcus capitis parti	429	87.8	87.8	384	1.2e-53
34	EM_PAT:AX354246	Sequence 57 from Patent WO01	429	87.8	87.8	384	1.2e-53
35	EM_PRO:AJ343896	Staphylococcus capitis subsp	429	87.8	87.8	384	1.2e-53
36	EM_PRO:AJ343952	Staphylococcus lugdunensis p	429	87.8	87.8	384	1.2e-53
37	EM_PAT:AX354266	Sequence 77 from Patent WO01	429	87.8	87.8	384	1.2e-53
38	EM_PAT:AX354245	Sequence 56 from Patent WO01	429	87.8	87.8	384	1.2e-53
39	EM_PRO:AJ343917	Staphylococcus lugdunensis p	429	87.8	87.8	384	1.2e-53
40	EM_PRO:AJ343940	Staphylococcus capitis parti	429	87.8	87.8	384	1.2e-53
41	EM_PRO:AY571693	Staphylococcus xylosus strai	1131	87.5	87.5	384	1.5e-53
42	EM_PRO:AY571690	Staphylococcus xylosus strai	1123	87.5	87.5	384	1.5e-53
44	EM_PRO:AY571689	Staphylococcus xylosus strai	656	87.5	87.5	384	2.1e-53
46	EM_PRO:AJ343915	Staphylococcus kloosii parti	429	87.5	87.5	384	2.7e-53
47	EM_PAT:AX354264	Sequence 75 from Patent WO01	429	87.5	87.5	384	2.7e-53
48	EM_PAT:AX354282	Sequence 93 from Patent WO01	429	87.5	87.5	384	2.7e-53
49	EM_PRO:AJ343933	Staphylococcus xylosus parti	429	87.5	87.5	384	2.7e-53
43	EM_PRO:AJ276960	Staphylococcus xylosus zurA	3595	87.2	87.2	384	1.8e-53
50	EM_PRO:AY571688	Staphylococcus xylosus strai	1133	87.2	87.2	384	3.6e-53
45	EM_PRO:AP008934	Staphylococcus saprophyticus	2516575	86.5	86.5	384	2.4e-53