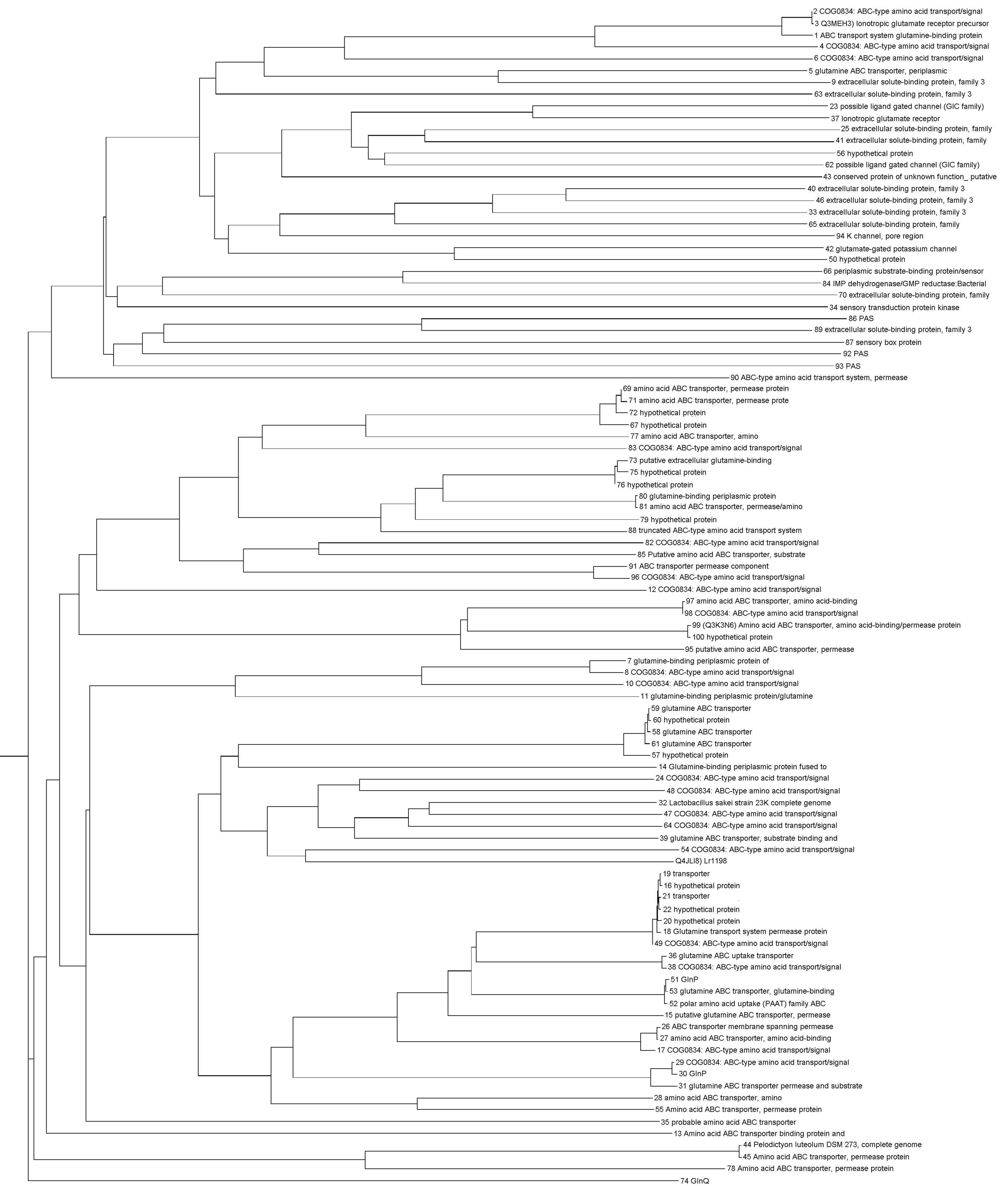
2 COG0834: ABC-type amino acid transport/signal
3 Q3MEH3) Ionotropic glutamate receptor precursor
1 ABC transport system glutamine-binding protein
4 COG0834: ABC-type amino acid transport/signal
6 COG0834: ABC-type amino acid transport/signal
5 glutamine ABC transporter, periplasmic
9 extracellular solute-binding protein, family 3
63 extracellular solute-binding protein, family 3
23 possible ligand gated channel (GIC family)
37 Ionotropic glutamate receptor
25 extracellular solute-binding protein, family
41 extracellular solute-binding protein, family
56 hypothetical protein
62 possible ligand gated channel (GIC family)
43 conserved protein of unknown function_ putative
40 extracellular solute-binding protein, family 3
46 extracellular solute-binding protein, family 3
33 extracellular solute-binding protein, family 3
65 extracellular solute-binding protein, family
94 K channel, pore region
42 glutamate-gated potassium channel
50 hypothetical protein
66 periplasmic substrate-binding protein/sensor
84 IMP dehydrogenase/GMP reductase:Bacterial
70 extracellular solute-binding protein, family
34 sensory transduction protein kinase
86 PAS
89 extracellular solute-binding protein, family 3
87 sensory box protein
92 PAS
93 PAS
90 ABC-type amino acid transport system, permease
69 amino acid ABC transporter, permease protein
71 amino acid ABC transporter, permease prote
72 hypothetical protein
67 hypothetical protein
77 amino acid ABC transporter, amino
83 COG0834: ABC-type amino acid transport/signal
73 putative extracellular glutamine-binding
75 hypothetical protein
76 hypothetical protein
80 glutamine-binding periplasmic protein
81 amino acid ABC transporter, permease/amino
79 hypothetical protein
88 truncated ABC-type amino acid transport system
82 COG0834: ABC-type amino acid transport/signal
85 Putative amino acid ABC transporter, substrate
91 ABC transporter permease component
96 COG0834: ABC-type amino acid transport/signal
12 COG0834: ABC-type amino acid transport/signal
97 amino acid ABC transporter, amino acid-binding
98 COG0834: ABC-type amino acid transport/signal
99 (Q3K3N6) Amino acid ABC transporter, amino acid-binding/permease protein
100 hypothetical protein
95 putative amino acid ABC transporter, permease
7 glutamine-binding periplasmic protein of
8 COG0834: ABC-type amino acid transport/signal
10 COG0834: ABC-type amino acid transport/signal
11 glutamine-binding periplasmic protein/glutamine
59 glutamine ABC transporter
60 hypothetical protein
58 glutamine ABC transporter
61 glutamine ABC transporter
57 hypothetical protein
14 Glutamine-binding periplasmic protein fused to
24 COG0834: ABC-type amino acid transport/signal
48 COG0834: ABC-type amino acid transport/signal
32 Lactobacillus sakei strain 23K complete genome
47 COG0834: ABC-type amino acid transport/signal
64 COG0834: ABC-type amino acid transport/signal
39 glutamine ABC transporter, substrate binding and
54 COG0834: ABC-type amino acid transport/signal
Q4JLI8) Lr1198
19 transporter
16 hypothetical protein
21 transporter
22 hypothetical protein
20 hypothetical protein
18 Glutamine transport system permease protein
49 COG0834: ABC-type amino acid transport/signal
36 glutamine ABC uptake transporter
38 COG0834: ABC-type amino acid transport/signal
51 GlnP
53 glutamine ABC transporter, glutamine-binding
52 polar amino acid uptake (PAAT) family ABC
15 putative glutamine ABC transporter, permease
26 ABC transporter membrane spanning permease
27 amino acid ABC transporter, amino acid-binding
17 COG0834: ABC-type amino acid transport/signal
29 COG0834: ABC-type amino acid transport/signal
30 GlnP
31 glutamine ABC transporter permease and substrate
28 amino acid ABC transporter, amino
55 Amino acid ABC transporter, permease protein
35 probable amino acid ABC transporter
13 Amino acid ABC transporter binding protein and
44 Pelodictyon luteolum DSM 273, complete genome
45 Amino acid ABC transporter, permease protein
78 Amino acid ABC transporter, permease protein
74 GlnQ