

Appendix 1
Homology Table

Organism	Protein/ Gene locus	Accession Number
<i>Acaryochloris marina</i> (strain MBIC 11017)	Nitrate/nitrite transporter	B0CCF2
<i>Acidiphilium cryptum</i> (strain JF-5)	Major facilitator superfamily MFS_1	A5FYW0
<i>Acidotherrmus cellulolyticus</i> (strain ATCC 43068 / 11B)	Major facilitator superfamily MFS_1 (Precursor)	A0LS68
<i>Acidovorax avenae subsp. citrulli</i> (strain AAC00-1)	Major facilitator superfamily MFS_1	A1TJX4
<i>Acidovorax delafieldii</i> 2AN	Major facilitator superfamily MFS_1	C5T4J1
<i>Acidovorax delafieldii</i> 2AN	Major facilitator superfamily MFS_1 (Fragment)	C5TA47
<i>Acidovorax sp.</i> (strain JS42)	Major facilitator superfamily MFS_1	A1W360
<i>Acinetobacter baumannii</i> (strain AB0057)	MFS transporter, NNP family	B7I3K4
<i>Acinetobacter baumannii</i> (strain AB307-0294)	Major Facilitator Superfamily protein	B7GZP6
<i>Acinetobacter baumannii</i> (strain ACICU)	Nitrate/nitrite transporter	B2HV10
<i>Acinetobacter baumannii</i> (strain ATCC 17978 / NCDC KC 755)	Putative nitrate transporter transmembrane protein (MFS superfamily)	A3M754
<i>Acinetobacter baumannii</i> (strain AYE)	Putative nitrate transporter transmembrane protein (MFS superfamily)	B0VBD4
<i>Acinetobacter radioresistens</i> SK82	Nitrate/nitrite transporter	C6RL88
<i>Acinetobacter sp.</i> (strain ADP1)	Putative nitrate transporter transmembrane protein (MFS superfamily)	Q6FB24
<i>Acinetobacter sp.</i> ATCC 27244	Nitrate transporter transmembrane protein (MFS superfamily)	C0VJX4
<i>Acinetobacter sp.</i> ATCC 27244	MFS superfamily nitrate transporter transmembrane protein	C0VP80
<i>Actinosynnema mirum</i> DSM 43827	Major facilitator superfamily MFS_1	C6WFQ2
<i>Ajellomyces capsulata</i> (strain NAM1 / WU24) (Darling's disease fungus) OS (<i>Histoplasma capsulatum</i>)	Putative uncharacterized protein	A6R817
<i>Alcanivorax borkumensis</i> (strain SK2 / ATCC 700651 / DSM 11573)	Nitrate transport protein	Q0VQL5
<i>Alcanivorax sp.</i> DG881	Transporter, major facilitator family	B4X032
<i>Aliivibrio salmonicida</i> (strain LFI1238) <i>Vibrio salmonicida</i> (strain OS LFI1238)	Nitrate transporter	B6EQM4
<i>Alkalilimnicola ehrlichei</i> (strain MLHE-1)	Major facilitator superfamily MFS_1	Q0A9X7
<i>Alteromonadales bacterium</i> TW-7	Nitrate permease	A0Y5X8
<i>Alteromonas macleodii</i> (strain DSM 17117 / Deep ecotype)	Nitrate transporter	B4S0X1
<i>Alteromonas macleodii</i> (strain DSM 17117 / Deep ecotype)	Nitrate/nitrite transporter	B4S0W9
<i>Aquifex aeolicus</i>	Nitrate transporter	O66589
<i>Arabidopsis thaliana</i> (Mouse-ear cress)	High affinity nitrate transporterPutative high-affinity nitrate transporter	Q9FJH8
<i>Arabidopsis thaliana</i> (Mouse-ear cress)	F13K23.20 protein	Q9LPV5

<i>Arabidopsis thaliana</i> (Mouse-ear cress)	High affinity nitrate transporter-like proteinPutative high affinity nitrate transporter protein	Q9LYK2
<i>Arabidopsis thaliana</i> (Mouse-ear cress)	At3g45060High-affinity nitrate transporter-like protein	Q9LXH0
<i>Arabidopsis thaliana</i> (Mouse-ear cress)	T6D22.18	Q9LMZ9
<i>Arabidopsis thaliana</i> (Mouse-ear cress)	High-affinity nitrate transporter ACH1NRT2;1pT6D22.17Trans-membrane nitrate transporter protein AtNRT2:1	O82811
<i>Arabidopsis thaliana</i> (Mouse-ear cress)	High-affinity nitrate transporter ACH2	O82412
<i>Arabidopsis thaliana</i> (Mouse-ear cress)	High affinity nitrate transporterHigh-affinity nitrate transporter	Q9FJH7
<i>Arabidopsis thaliana</i> (Mouse-ear cress)	Putative uncharacterized protein (Fragment)	A0MFQ7
<i>Arthrobacter aurescens</i> (strain TC1)	Putative transmembrane efflux protein (MFS)	A1R2L4
<i>Arxula adenivorans</i> (Yeast)	Nitrate transporter	B3WFS7
<i>Aspergillus clavatus</i>	Nitrate transporter CrnA	A1CPH7
<i>Aspergillus clavatus</i>	Transmembrane transporter, putative	A1C8I4
<i>Aspergillus flavus</i> (strain ATCC 200026 / FGSC A1120 / NRRL 3357 / JCM 12722 OS / SRRRC 167)	Nitrate transporter CrnA	B8N6B5
<i>Aspergillus fumigatus</i> (<i>Sartorya fumigata</i>)	Probable nitrate transporter	Q8TFY4
<i>Aspergillus fumigatus</i> (<i>Sartorya fumigata</i>)	Nitrate permease, putativeNitrate transporter CrnA	Q6MYK2
<i>Aspergillus fumigatus</i> (<i>Sartorya fumigata</i>)	High affinity nitrate transporter NrtB	Q4WR57
<i>Aspergillus fumigatus</i> (<i>Sartorya fumigata</i>)	Transmembrane transporter, putative	Q4WGT1
<i>Aspergillus fumigatus</i> (<i>Sartorya fumigata</i>)	MFS transporter, putative	Q4WE41
<i>Aspergillus fumigatus</i> (strain CEA10 / CBS 144.89 / FGSC A1163) (<i>Sartorya OS fumigata</i>)	Nitrate transporter CrnA	B0XR70
<i>Aspergillus fumigatus</i> (strain CEA10 / CBS 144.89 / FGSC A1163) (<i>Sartorya OS fumigata</i>)	High affinity nitrate transporter NrtB	B0XPC3
<i>Aspergillus fumigatus</i> (strain CEA10 / CBS 144.89 / FGSC A1163) (<i>Sartorya OS fumigata</i>)	Transmembrane transporter, putative	B0YB63
<i>Aspergillus fumigatus</i> (strain CEA10 / CBS 144.89 / FGSC A1163) (<i>Sartorya OS fumigata</i>)	MFS transporter, putative	B0Y1X9
<i>Aspergillus nidulans</i> FGSC A4	High affinity nitrate transporter NrtB /putative uncharacterized protein	C8VTI7
<i>Aspergillus nidulans</i> FGSC A4	Putative uncharacterized protein	C8VHD7
<i>Aspergillus nidulans</i> FGSC A4	MFS transporter, putative (AFU_orthologue; AFUA_1G16690)	C8VT56
<i>Aspergillus niger</i> (strain CBS 513.88 / FGSC A1513)	Remark: probably involved in extracellular nitrate uptake	A2QRD8
<i>Aspergillus oryzae</i>	Nitrate/nitrite transporter	Q2UCE6
<i>Aspergillus oryzae</i>	Permease of the major facilitator superfamily	Q2URT8
<i>Aspergillus oryzae</i>	Permease of the major facilitator superfamily	Q2UJ09
<i>Aspergillus terreus</i> (strain NIH 2624 / FGSC A1156)	Nitrate transporter	Q0D0Q8
<i>Aspergillus terreus</i> (strain NIH 2624 / FGSC A1156)	Putative uncharacterized protein	Q0CWL5

<i>Asticcacaulis excentricus</i> CB 48	Major facilitator superfamily MFS_1	C5SNK2
<i>Azoarcus</i> sp. (strain BH72)	Putative nitrate transporter	A1K500
<i>Azoarcus</i> sp. (strain EbN1) <i>Aromatoleum aromaticum</i> (strain EbN1)	Nitrate/proton symporter	Q5NYZ2
<i>Azoarcus</i> sp. (strain EbN1) <i>Aromatoleum aromaticum</i> (strain EbN1)	Nitrate transporter	Q5P7E3
<i>Azotobacter vinelandii</i> (strain DJ / ATCC BAA-1303)	Nitrate/nitrite transporter	C1DHD2
<i>Bacillus amyloliquefaciens</i> (strain FZB42)	NarK	A7Z9V0
<i>Bacillus amyloliquefaciens</i> (strain FZB42)	NasA	A7Z177
<i>Bacillus anthracis</i> (strain A0248)	Nitrate transporter	C3P888
<i>Bacillus anthracis</i> (strain CDC 684 / NRRL 3495)	Nitrate transporter	C3LKG5
<i>Bacillus anthracis</i> Tsiankovskii-I	Nitrate transporter	B3J8P1
<i>Bacillus anthracis</i> (strain A0174)	Nitrate transporter	B1UN32
<i>Bacillus anthracis</i> (strain A0193)	Nitrate transporter	B0PZV5
<i>Bacillus anthracis</i> (strain A0389)	Nitrate transporter	B1EWU2
<i>Bacillus anthracis</i> (strain A0442)	Nitrate transporter	B0QEW2
<i>Bacillus anthracis</i> (strain A0465)	Nitrate transporter	B1GGZ3
<i>Bacillus anthracis</i> (strain A0488)	Nitrate transporter	B0AQ21
<i>Bacillus cereus</i> (strain 03BB102)	Nitrate transporter	C1ESA5
<i>Bacillus cereus</i> (strain AH187)	Nitrate transporter	B7HPB3
<i>Bacillus cereus</i> (strain AH820)	Nitrate transporter	B7JLJ8
<i>Bacillus cereus</i> (strain B4264)	Nitrate transporter	B7HK05
<i>Bacillus cereus</i> 03BB108	Nitrate transporter	B3ZS79
<i>Bacillus cereus</i> AH1134	Nitrate transporter	B5UV38
<i>Bacillus cereus</i> H3081.97	Nitrate transporter	B5V3W2
<i>Bacillus cereus</i> NVH0597-99	Nitrate transporter	B3Z9A0
<i>Bacillus cereus</i> Rock3-28	Major facilitator superfamily MFS_1	C2UX48
<i>Bacillus cereus</i> W.	Nitrate transporter	B3YTD5
<i>Bacillus cereus</i> subsp. <i>cytotoxis</i> (strain NVH 391-98)	Major facilitator superfamily MFS_1	A7GTZ4
<i>Bacillus clausii</i> (strain KSM-K16)	Nitrate/nitrite transporter	Q5WK44
<i>Bacillus coagulans</i> 36D1	Major facilitator superfamily MFS_1	C1PCN8
<i>Bacillus halodurans</i>	Nitrate transporter	Q9KF74
<i>Bacillus halodurans</i>	NasA (Fragment)	Q9LC91
<i>Bacillus licheniformis</i> (strain DSM 13 / ATCC 14580)	NasA/Nitrate transporter	Q65NP1
<i>Bacillus pumilus</i> (strain SAFR-032)	MFS family major facilitator transporter	A8FB08
<i>Bacillus pumilus</i> ATCC 7061	MFS family major facilitator transporter	B4AP89
<i>Bacillus selenitireducens</i> MLS10	Major facilitator superfamily MFS_1	A8VWV2
<i>Bacillus weihenstephanensis</i> (strain KBAB4)	Major facilitator superfamily MFS_1	A9V SX1

<i>Beggiatoa</i> sp. PS	Nitrate transporter	A7BT98
<i>Bermanella marisrubri</i>	Nitrate/nitrite transporter	Q1N0F4
<i>Bordetella petrii</i> (strain ATCC BAA-461 / DSM 12804 / CCUG 43448)	High-affinity nitrate transporter, putative	A9ICT0
<i>Botryotinia fuckeliana</i> (strain B05.10) (Noble rot fungus) (<i>Botrytis OS cinerea</i>)	Putative uncharacterized protein	A6RIU8
<i>Brachybacterium faecium</i> strain ATTC 43885/DSM 4810/NCIB9860	Nitrate/nitrite transporter	C7MDN2
<i>Bradyrhizobium japonicum</i>	Blr4009 protein	Q89N33
<i>Bradyrhizobium</i> sp. (strain BTAi1 / ATCC BAA-1182)	Putative permease of the major facilitator superfamily	A5EAP5
<i>Brassica napus</i> (Rape)	High-affinity nitrate transporter	Q9FY39
<i>Brevundimonas</i> sp. BAL3	Transporter, major facilitator family	B4W8T1
<i>Burkholderia ambifaria</i> (strain ATCC BAA-244 / AMMD)	Major facilitator superfamily MFS_1	Q0B8N2
<i>Burkholderia cepacia</i> OS (strain AMMD)		
<i>Burkholderia ambifaria</i> (strain ATCC BAA-244 / AMMD)	Major facilitator superfamily MFS_1	Q0B3M0
<i>Burkholderia cepacia</i> OS (strain AMMD)		
<i>Burkholderia ambifaria</i> (strain ATCC BAA-244 / AMMD)	Major facilitator superfamily MFS_1 (Precursor)	Q0BIP0
<i>Burkholderia cepacia</i> OS (strain AMMD)		
<i>Burkholderia ambifaria</i> (strain ATCC BAA-244 / AMMD)	Major facilitator superfamily MFS_1 (Precursor)	Q0B5E9
(<i>Burkholderia cepacia</i> OS (strain AMMD))		
<i>Burkholderia ambifaria</i> (strain MC40-6)	Major facilitator superfamily MFS_1	B1YWZ5
<i>Burkholderia ambifaria</i> IOP40-10	Major facilitator superfamily MFS_1	B1FPN3
<i>Burkholderia ambifaria</i> MEX-5	Major facilitator superfamily MFS_1	B1TD40
<i>Burkholderia cenocepacia</i> (strain AU 1054)	Major facilitator superfamily MFS_1	Q1BNQ2
<i>Burkholderia cenocepacia</i> (strain AU 1054)	Twin-arginine translocation pathway signal (Precursor)	Q1BSC1
<i>Burkholderia cenocepacia</i> (strain HI2424)	Major facilitator superfamily MFS_1	A0B0R5
<i>Burkholderia cenocepacia</i> (strain HI2424)	Major facilitator superfamily MFS_1 (Precursor)	A0K447
<i>Burkholderia cenocepacia</i> (strain MC0-3)	Major facilitator superfamily MFS_1	B1K429
<i>Burkholderia cenocepacia</i> PC184	Major facilitator superfamily transporter	A2VYK0
<i>Burkholderia cepacia</i> (strain J2315 / LMG 16656)	Putative nitrate transporter	B4EKT6
<i>Burkholderia cenocepacia</i> OS (strain J2315)		
<i>Burkholderia cepacia</i> (strain J2315 / LMG 16656)	Major Facilitator Superfamily protein	B4E6V6
<i>Burkholderia cenocepacia</i> OS (strain J2315)		
<i>Burkholderia dolosa</i> AUO158	Nitrate/nitrite transporter	A2WF72
<i>Burkholderia glumae</i> BGR1	Nitrate transporter, putative	C5AHM4
<i>Burkholderia glumae</i> BGR1	Nitrate/nitrite transporter	C5AJK4
<i>Burkholderia graminis</i> C4D1M	Major facilitator superfamily MFS_1	B1FZB0
<i>Burkholderia mallei</i> (<i>Pseudomonas mallei</i>)	Putative nitrate transporter	Q62C28

<i>Burkholderia mallei</i> (<i>Pseudomonas mallei</i>)	Nitrate transporter, putative	Q62H32
<i>Burkholderia mallei</i> (<i>Pseudomonas mallei</i>)	Nitrate/nitrite transporter	Q62IX1
<i>Burkholderia mallei</i> (<i>Pseudomonas mallei</i>)	Nitrate/nitrite transporter NarK	Q62IX0
<i>Burkholderia mallei</i> (strain NCTC 10229)	Putative nitrate transporter	A2S5I0
<i>Burkholderia mallei</i> (strain NCTC 10229)	Transporter, nitrate/nitrite porter (NNP)	A2SAQ3
<i>Burkholderia mallei</i> (strain NCTC 10247)	Putative nitrate transporter	A3MPG5
<i>Burkholderia mallei</i> (strain NCTC 10247)	Transporter, nitrate/nitrite porter (NNP)	A3MLC1
<i>Burkholderia mallei</i> (strain SAVP1)	Putative nitrate transporter	A1V0F4
<i>Burkholderia mallei</i> (strain SAVP1)	Transporter, nitrate/nitrite porter (NNP)	A1V5P7
<i>Burkholderia mallei</i> 2002721280	Putative nitrate transporter	A5TGC1
<i>Burkholderia mallei</i> 2002721280	Transporter, nitrate/nitrite porter (NNP)	A5TJM4
<i>Burkholderia mallei</i> ATCC 10399	Putative nitrate transporter	A9LB61
<i>Burkholderia mallei</i> ATCC 10399	Transporter, nitrate/nitrite porter (NNP)	A9K9L5
<i>Burkholderia mallei</i> FMH	Putative nitrate transporter	A5J914
<i>Burkholderia mallei</i> FMH	Transporter, nitrate/nitrite porter (NNP)	A5XHE0
<i>Burkholderia mallei</i> GB8 horse 4	Transporter, major facilitator family	C4AXS2
<i>Burkholderia mallei</i> GB8 horse 4	Nitrate transporter	C4ANY6
<i>Burkholderia mallei</i> GB8 horse 4	Transporter, nitrate/nitrite porter (NNP)	C4AR79
<i>Burkholderia mallei</i> JHU	Putative nitrate transporter	A5XV05
<i>Burkholderia mallei</i> JHU	Transporter, nitrate/nitrite porter (NNP)	A5XYT7
<i>Burkholderia mallei</i> PRL-20	Putative nitrate transporter	C5N7H5
<i>Burkholderia mallei</i> PRL-20	Transporter, nitrate/nitrite porter (NNP)	C5NCP9
<i>Burkholderia multivorans</i> (strain ATCC 17616 / 249)	Major facilitator superfamily MFS_1 Nitrate transporter	A9ARA6
<i>Burkholderia multivorans</i> (strain ATCC 17616 / 249)	Major facilitator superfamily MFS_1	A9AJ58
<i>Burkholderia multivorans</i> (strain ATCC 17616 / 249)	Permease of the major facilitator superfamily	B3CX18
<i>Burkholderia multivorans</i> CGD1	Major facilitator superfamily	B9B017
<i>Burkholderia multivorans</i> CGD1	Transporter, nitrate/nitrite porter (NNP)	B9BG12
<i>Burkholderia multivorans</i> CGD1	Major facilitator superfamily MFS_1	B9B9N1
<i>Burkholderia multivorans</i> CGD2	Major facilitator superfamily	B9BI23
<i>Burkholderia multivorans</i> CGD2	Transporter, nitrate/nitrite porter (NNP)	B9BWQ7
<i>Burkholderia multivorans</i> CGD2M	Major facilitator superfamily	B9C226
<i>Burkholderia multivorans</i> CGD2M	Transporter, nitrate/nitrite porter (NNP)	B9C8G5
<i>Burkholderia phymatum</i> (strain DSM 17167 / STM815)	Major facilitator superfamily MFS_1	B2JFE4
<i>Burkholderia pseudomallei</i> (<i>Pseudomonas pseudomallei</i>)	Putative nitrate transporter	Q63QU7
<i>Burkholderia pseudomallei</i> (<i>Pseudomonas pseudomallei</i>)	Putative nitrate/nitrite transporter	Q63L54
<i>Burkholderia pseudomallei</i> (strain 1106a)	Major facilitator family transporter	A3NZA1
<i>Burkholderia pseudomallei</i> (strain 1106a)	Transporter, nitrate/nitrite porter (NNP)	A3NX59
<i>Burkholderia pseudomallei</i> (strain 1710b)	Nitrate transporter	Q3JNP6

<i>Burkholderia pseudomallei</i> (strain 1710b)	Nitrate/nitrite transporter	Q3JMC7
<i>Burkholderia pseudomallei</i> (strain 1710b)	Nitrate/nitrite transporter	Q3JQL4
<i>Burkholderia pseudomallei</i> (strain 668)	Putative nitrite transporter	A3NK79
<i>Burkholderia pseudomallei</i> (strain 668)	Major facilitator family transporter	A3NDJ1
<i>Burkholderia pseudomallei</i> (strain 668)	Transporter, nitrate/nitrite porter (NNP)	A3NBC6
<i>Burkholderia pseudomallei</i> 1106b	Major facilitator family transporter	C5ZCD6
<i>Burkholderia pseudomallei</i> 1106b	Major facilitator family transporter	C5ZLF6
<i>Burkholderia pseudomallei</i> 1106b	Transporter, nitrate/nitrite porter (NNP)	C5ZK71
<i>Burkholderia pseudomallei</i> 1655	Major facilitator family transporter	B2H0H0
<i>Burkholderia pseudomallei</i> 1655	Transporter, nitrate/nitrite porter (NNP)	B2H9P2
<i>Burkholderia pseudomallei</i> 1710a	Major facilitator family transporter	C6TY90
<i>Burkholderia pseudomallei</i> 1710a	Transporter, nitrate/nitrite porter (NNP)	C6TTU5
<i>Burkholderia pseudomallei</i> 305	Major facilitator family transporter	A4MF42
<i>Burkholderia pseudomallei</i> 305	Transporter, nitrate/nitrite porter (NNP)	A4LDJ1
<i>Burkholderia pseudomallei</i> 406e	Major facilitator family transporter	A8EIB8
<i>Burkholderia pseudomallei</i> 406e	Transporter, nitrate/nitrite porter (NNP)	A8EBX0
<i>Burkholderia pseudomallei</i> 576	Major facilitator family transporter	B7CLJ2
<i>Burkholderia pseudomallei</i> 576	Transporter, nitrate/nitrite porter (NNP)	B7CM23
<i>Burkholderia pseudomallei</i> MSHR346	Major facilitator superfamily protein	C4I3S4
<i>Burkholderia pseudomallei</i> MSHR346	Nitrate transporter	C4KV63
<i>Burkholderia pseudomallei</i> MSHR346	Transporter, nitrate/nitrite porter (NNP)	C4I3E8
<i>Burkholderia pseudomallei</i> MSHR346	Transporter, nitrate/nitrite porter (NNP)	C4KQP2
<i>Burkholderia pseudomallei</i> Pakistan 9	Putative nitrite transporter	C0YA17
<i>Burkholderia pseudomallei</i> Pakistan 9	Major facilitator family transporter	C0Y6L4
<i>Burkholderia pseudomallei</i> Pakistan 9	Transporter, nitrate/nitrite porter (NNP)	C0Y2W3
<i>Burkholderia pseudomallei</i> Pasteur 52237	Major facilitator family transporter	A8KUC4
<i>Burkholderia pseudomallei</i> Pasteur 52237	Major facilitator family transporter	A8KSF9
<i>Burkholderia pseudomallei</i> Pasteur 52237	Transporter, nitrate/nitrite porter (NNP)	A8KVP2
<i>Burkholderia pseudomallei</i> S13	Major facilitator family transporter	B1N215
<i>Burkholderia pseudomallei</i> S13	Transporter, nitrate/nitrite porter (NNP)	B1HDP7
<i>Burkholderia</i> sp. (strain 383) <i>Burkholderia cepacia</i> (strain ATCC 17760 / OS NCIB 9086 / R18194)	Major facilitator superfamily (MFS_1)	Q397A4
<i>Burkholderia phytofirmans</i> (strain DSM 17436 / PsJN)	Major facilitator superfamily MFS_1	B2T482
<i>Burkholderia</i> sp. H160	Major facilitator superfamily MFS_1	B5WPJ3
<i>Burkholderia</i> sp. H160	Major facilitator superfamily MFS_1 (Precursor)	B5WNK7
<i>Burkholderia thailandensis</i> (strain E264 / ATCC 700388 / DSM 13276 / CIP OS 106301)	Nitrate transporter, putative	Q2SZ80
<i>Burkholderia thailandensis</i> (strain E264 / ATCC 700388 /	Nitrate/nitrite transporter	Q2T5U9

DSM 13276 / CIP OS 106301)		
<i>Burkholderia thailandensis</i> (strain E264 / ATCC 700388 / DSM 13276 / CIP OS 106301)	Nitrate/nitrite transporter	Q2SXG2
<i>Burkholderia vietnamiensis</i> (strain G4 / LMG 22486) <i>Burkholderia cepacia</i> OS (strain R1808)	Major facilitator superfamily MFS_1	A4JNZ4
<i>Burkholderia xenovorans</i> (strain LB400)	Major facilitator superfamily (MFS)	Q13YT1
<i>Caminibacter mediatlanticus</i> TB-2	Nitrate transporter	A6DC83
<i>Candidatus Accumolibacter phosphatis</i> clade IIA str. UW-1	Major facilitator superfamily MFS_1	C7RTC7
<i>Caulobacter crescentus</i> (<i>Caulobacter vibrioides</i>)	Nitrate transporter, NarK/NasA family	Q9AAI4
<i>Caulobacter crescentus</i> (strain NA1000 / CB15N)	Nitrate transporter	B8H0L6
<i>Caulobacter</i> sp. (strain K31)	Major facilitator superfamily MFS_1 (Precursor)	B0SV98
<i>Cellvibrio japonicus</i> (strain Ueda107)	Nitrate permease	B3PHD3
<i>Chaetomium globosum</i> (Soil fungus)	Putative uncharacterized protein	Q2GZJ1
<i>Chitinophaga pinensis</i> DSM 2588 NCIB11800/UQM OS2034	Nitrate/nitrite transporter	C7PGE0
<i>Chlamydomonas reinhardtii</i>	Nitrate transporter	A8IZY8
<i>Chlamydomonas reinhardtii</i>	NRT2;3 protein	Q84RQ5
<i>Chlamydomonas reinhardtii</i>	Nitrite/nitrate transporter	Q66NI6
<i>Chlamydomonas reinhardtii</i>	Nitrate transporter component	Q39608
<i>Chlamydomonas reinhardtii</i>	Predicted protein	A8J4P5
<i>Chlamydomonas reinhardtii</i>	High affinity nitrate transporter (Fragment)	A8J4P3
<i>Chlamydomonas reinhardtii</i>	Predicted protein (Fragment)	A8I3C4
<i>Chlorella sorokiniana</i>	Nitrate transporter NTR	Q9AWA7
<i>Chromobacterium violaceum</i>	Nitrate/nitrite transporter	Q7NVW4
<i>Chromohalobacter salexigens</i> (strain DSM 3043 / ATCC BAA-138 / NCIMB 13768)	Major facilitator superfamily MFS_1	Q1QYH1
<i>Chromohalobacter salexigens</i> (strain DSM 3043 / ATCC BAA-138 / NCIMB 13768)	Nitrate transporter	Q1QXX4
<i>Chryseobacterium gleum</i> ATCC 35910	Probable nitrate/nitrite transporter	C2KAL7
<i>Citrobacter</i> sp. 30_2	Major facilitator transporter	C1MC65
<i>Citrobacter youngae</i> ATCC 29220	Putative uncharacterized protein	C2AZV4
<i>Citrus sinensis</i> x <i>Poncirus trifoliata</i>	Nitrate transporter	A5JUX2
<i>Clostridium carboxidivorans</i> P7	Major facilitator superfamily MFS_1 (Precursor)	C6Q0D4
<i>Clostridium perfringens</i> (strain ATCC 13124 / NCTC 8237 / Type A)	Major facilitator family transporter	Q0TN44
<i>Clostridium perfringens</i> (strain SM101 / Type A)	Major facilitator family transporter	Q0SQS2
<i>Clostridium perfringens</i> B str. ATCC 3626	Major facilitator family transporter	B1RA51
<i>Clostridium perfringens</i> C str. JGS1495	Major facilitator family transporter	B1BMX7
<i>Clostridium perfringens</i> CPE str. F4969	Major facilitator family transporter	B1REZ5

<i>Clostridium perfringens</i> D str. JGS1721	Major facilitator family transporter	B1V392
<i>Clostridium perfringens</i> E str. JGS1987	Major facilitator family transporter	B1BQT2
<i>Clostridium perfringens</i> NCTC 8239	Major facilitator family transporter	B1RPF7
<i>Clostridium perfringens</i>	Probable nitrate extrusion protein	Q8XI47
<i>Coccidioides immitis</i> (Valley fever fungus)	Putative uncharacterized protein	Q1DQT1
<i>Coccidioides posadasii</i> C735 delta SOWgp	Major Facilitator Superfamily protein	C5PE48
<i>Colwellia psychrerythraea</i> (strain 34H / ATCC BAA-681) (<i>Vibrio OS psychroerythus</i>)	Nitrate permease	Q47UD4
<i>Coprinopsis cinerea</i> (strain Okayama-7 / 130 / FGSC 9003) (Inky cap fungus) OS (<i>Hormographiella aspergillata</i>)	Putative uncharacterized protein	A8PDO5
<i>Corynebacterium accolens</i> ATCC 49725	Nitrate/nitrite transporter	C0WFQ3
<i>Corynebacterium diphtheriae</i>	Putative nitrate/nitrite transport system integral membrane protein	Q6NJA7
<i>Corynebacterium efficiens</i>	Putative nitrate transport protein	Q8FPS4
<i>Corynebacterium matruchotii</i> ATCC 14266	Transporter, nitrate/nitrite porter family	C5VDZ2
<i>Corynebacterium matruchotii</i> ATCC 33806	Putative uncharacterized protein	C0E769
<i>Corynebacterium striatum</i> ATCC 6940	Nitrate/nitrite transporter	C2CL41
<i>Cryptococcus neoformans</i> (<i>Filobasidiella neoformans</i>)	Putative uncharacterized protein	Q5KNV0
<i>Cucumis sativus</i> (Cucumber)	High-affinity nitrate transporter	Q6PRP8
<i>Cupriavidus taiwanensis</i> (strain R1 / LMG 19424) <i>Ralstonia taiwanensis</i> OS (strain LMG 19424)	Putative nitrate transporter; Major facilitator superfamily MFS_1	B3R8W5
<i>Cupriavidus taiwanensis</i> (strain R1 / LMG 19424) <i>Ralstonia taiwanensis</i> OS (strain LMG 19424)	Nitrite/nitrate transporter	B3RCJ3
<i>Cyanobium sp.</i> PCC 7001	Nitrate permease NapA	B5IIS0
<i>Cyanothece sp.</i> (strain ATCC 51142)	High-affinity nitrate/nitrite bispecific transporter	B1WUX1
<i>Cyanothece sp.</i> CCY 0110	Nitrate transporter	A3ILC3
<i>Cylindrotheca fusiformis</i> (Marine diatom)	Nitrate transporter	Q9SWR7
<i>Cylindrotheca fusiformis</i> (Marine diatom)	Nitrate transporter	Q9SWR6
<i>Cylindrotheca fusiformis</i> (Marine diatom)	Nitrate transporter	Q9SWR8
<i>Cytophaga hutchinsonii</i> (strain ATCC 33406 / NCIMB 9469)	Possible nitrate/nitrite transporter	Q11VH5
<i>Daucus carota</i> (Carrot)	High-affinity nitrate transporter(Fragment)	Q8RVG5
<i>Dechloromonas aromatica</i> (strain RCB)	Nitrate transporter	Q47HV0
<i>Deinococcus geothermalis</i> (strain DSM 11300)	Nitrate/nitrite transporter	Q1J3W0
<i>Dekkera bruxellensis</i> (<i>Brettanomyces custersii</i>)	Nitrate transporter (Fragment)	A4ZQ14
<i>Delftia acidovorans</i> (strain DSM 14801 / SPH-1)	Major facilitator superfamily MFS_1	A9BSD8
<i>Desulfitobacterium hafniense</i> (strain Y51)	Nitrate/nitrite transporter	Q251C0
<i>Desulfovibrio piger</i> ATCC 29098	Putative uncharacterized protein	B6WWW2
<i>Diaphorobacter sp.</i> (strain TPSY)	Major facilitator superfamily MFS_1	B9MBY9
<i>Dunaliella salina</i>	High affinity nitrate transporter	Q5Y9V5

<i>Dyadobacter fermentans</i> DSM 18053	Major facilitator superfamily MFS_1	C6VXE1
<i>Eggerthella lenta</i> DSM 2243	Nitrate/nitrite transporter	C8WMH1
<i>Eikenella corrodens</i> ATCC 23834	Putative uncharacterized protein	C0DXC1
<i>Elsinoe fawcettii</i> (citrus scab fungus)	ECT1 transporter	B1A0U4
<i>Emericella nidulans</i> (<i>Aspergillus nidulans</i>)	High affinity nitrate transporter NrtB Putative uncharacterized protein	Q8X193
<i>Emericella nidulans</i> (<i>Aspergillus nidulans</i>)	Putative uncharacterized protein	Q5BG57
<i>Escherichia albertii</i> TW07627	Transporter, major facilitator family	B1EMW4
<i>Escherichia coli</i> O103:H2 str. 12009	Predicted transporter	C8U0V5
<i>Escherichia coli</i> O111:H- str. 11128	Predicted transporter	C8UN66
<i>Escherichia coli</i> (strain 55989 / EAEC)	Putative transporter	B7LE06
<i>Escherichia coli</i> (strain ATCC 8739 / DSM 1576 / Crooks)	Major facilitator superfamily MFS_1	B1IS62
<i>Escherichia coli</i> (strain B / BL21-DE3)	Major facilitator superfamily MFS_1 Predicted transporter	C6EBL3
<i>Escherichia coli</i> (strain B / REL606)	Predicted transporter	C6ULX9
<i>Escherichia coli</i> (strain BW2952)	Predicted transporter	C4ZT39
<i>Escherichia coli</i> (strain SE11)	Putative transport protein	B6I2N9
<i>Escherichia coli</i> (strain SMS-3-5 / SECEC)	Transporter, major facilitator family	B1LEG0
<i>Escherichia coli</i> 101-1	Transporter, major facilitator family	B3XDU8
<i>Escherichia coli</i> 53638	Transporter, major facilitator family	B2N0E7
<i>Escherichia coli</i> B171	Transporter, major facilitator family	B3WIC9
<i>Escherichia coli</i> B7A	Transporter, major facilitator family	B3HIU5
<i>Escherichia coli</i> E22	Transporter, major facilitator family	B3I5C4
<i>Escherichia coli</i> O139:H28 (strain E24377A / ETEC)	Transporter, major facilitator family	A7ZVP5
<i>Escherichia coli</i> O157:H7 (strain EC4115 / EHEC)	Transporter, major facilitator family	B5Z4N9
<i>Escherichia coli</i> O157:H7 str. EC4076	Transporter, major facilitator family	B2PM82
<i>Escherichia coli</i> O157:H7 str. EC4113	Transporter, major facilitator family	B2P682
<i>Escherichia coli</i> O157:H7 str. EC4196	Transporter, major facilitator family	B2NPG2
<i>Escherichia coli</i> O157:H7 str. EC4401	Transporter, major facilitator family	B3A5G4
<i>Escherichia coli</i> O157:H7 str. EC4486	Transporter, major facilitator family	B3AI07
<i>Escherichia coli</i> O157:H7 str. EC4501	Transporter, major facilitator family	B3AZ93
<i>Escherichia coli</i> O157:H7 str. EC508	Transporter, major facilitator family	B3BSR5
<i>Escherichia coli</i> O157:H7 str. EC869	Transporter, major facilitator family	B3BBL0
<i>Escherichia coli</i> O157:H7 str. TW14359	Predicted transporter	C6UPD6
<i>Escherichia coli</i> O157:H7 str. TW14588	Transporter, major facilitator family	B6ZSU5
<i>Escherichia coli</i> O157:H7	Putative transport protein	Q7A8J6
<i>Escherichia coli</i> O45:K1 (strain S88 / ExPEC)	Putative transporter	B7MMP8
<i>Escherichia coli</i> O8 (strain IA11)	Putative transporter	B7LXR9
<i>Escherichia coli</i> O81 (strain ED1a)	Putative transporter; KpLE2 phage-like element	B7MZF0
<i>Escherichia coli</i> O9:H4 (strain HS)	Transporter, major facilitator family	A8A884

<i>Escherichia coli</i>	Putative transport protein	C3SEG2
<i>Escherichia sp.</i> 1_1_43	Major facilitator transporter	C1NBP7
<i>Fagus sylvatica</i> (Beechnut)	High affinity nitrate transporter (Fragment)	Q84MJ3
<i>Ferroglobus placidus</i> DSM 10642	Major facilitator superfamily MFS_1	C8S7N9
<i>Flavobacterium johnsoniae</i> (strain ATCC 17061 / DSM 2064 / UW101) (<i>Cytophaga OS johnsonae</i>)	Major facilitator superfamily MFS_1 (Precursor)	A5FAZ4
<i>Geobacillus kaustophilus</i>	Nitrate/nitrite transporter	Q5L1X9
<i>Geobacillus kaustophilus</i>	Nitrate/nitrite transporter	Q5KYT6
<i>Geobacillus sp.</i> G11MC16	Major facilitator superfamily MFS_1 (Precursor)	B4BIK8
<i>Geobacillus sp.</i> Y4.1MC1	Major facilitator superfamily MFS_1 (Precursor)	C6QLQ4
<i>Geobacillus sp.</i> Y412MC10	Major facilitator superfamily MFS_1	B3K6C3
<i>Geobacillus sp.</i> Y412MC52	Major facilitator superfamily MFS_1	C3J5V7
<i>Geobacillus sp.</i> Y412MC61	Major facilitator superfamily MFS_1	B7Y6D6
<i>Geobacillus thermodenitrificans</i> (strain NG80-2)	Nitrate/nitrite extrusion protein	A4IL25
<i>Geobacter lovleyi</i> (strain ATCC BAA-1151 / DSM 17278 / SZ)	Major facilitator superfamily MFS_1 (Precursor)	B3E6W4
<i>Geobacter metallireducens</i> (strain GS-15 / ATCC 53774 / DSM 7210)	Major facilitator superfamily MFS_1	Q39YU8
<i>Glycine max</i> (Soybean)	Putative high affinity nitrate transporter	O64999
<i>Gordonia bronchialis</i> DSM 43247	Nitrate/nitrite transporter	C0UF08
<i>Granulibacter bethesdensis</i> (strain ATCC BAA-1260 / CGDNIH1)	Nitrate transporter	Q0BRC6
<i>Gymnopilus junonius</i>	Putative high affinity nitrate transporter (Fragment)	A8RJJ9
<i>Hahella chejuensis</i> (strain KCTC 2396)	Nitrate/nitrite transporter	Q2SF57
<i>Hahella chejuensis</i> (strain KCTC 2396)	Nitrate/nitrite transporter	Q2SA55
<i>Haloarcula marismortui</i> (<i>Halobacterium marismortui</i>)	Putative transporter	Q5UZ92
<i>Halobacterium mediterranei</i> (<i>Haloferax mediterranei</i>)	Nitrate transporter	Q703N4
<i>Haloquadratum walsbyi</i> (strain DSM 16790)	Nitrate/nitrite transporter	Q18I42
<i>Halorubrum lacusprofundi</i> (strain ATCC 49239 / DSM 5036 / JCM 8891 / ACAM OS 34)	Major facilitator superfamily MFS_1	B9LNQ4
<i>Hebeloma cylindrosporium</i>	Nitrate transporter	Q9UVH7
<i>Hebeloma cylindrosporium</i>	Putative high affinity nitrate transporter (Fragment)	A8RJG4
<i>Hebeloma edurum</i>	Putative high affinity nitrate transporter (Fragment)	A8RJ97
<i>Hebeloma helodes</i>	Putative high affinity nitrate transporter (Fragment)	A8RJD9
<i>Hebeloma helodes</i>	Putative high affinity nitrate transporter (Fragment)	A8RJC8
<i>Hebeloma radicosum</i>	Putative high affinity nitrate transporter (Fragment)	A8RJG0
<i>Hebeloma sinuosum</i>	Putative high affinity nitrate transporter (Fragment)	A8RJA2
<i>Hebeloma velutipes</i>	Putative high affinity nitrate transporter (Fragment)	A8RJE4

<i>Hermiimonas arsenicoxydans</i>	Putative Nitrite extrusion protein (Nitrite facilitator)	A4G5N5
<i>Hordeum vulgare</i> (Barley)	BCH2	P93183
<i>Hordeum vulgare</i> (Barley)	BCH1	P93182
<i>Hordeum vulgare</i> (Barley)	Putative high affinity nitrate transporter	Q9XEG5
<i>Hordeum vulgare var. distichum</i> (Two-rowed barley)	High affinity nitrate transporter NRT2.6	A0EXC1
<i>Hordeum vulgare var. distichum</i> (Two-rowed barley)	High affinity nitrate transporter NRT2.5	A0EXC0
<i>Hydrogenivirga sp.</i> 128-5-R1-1	Nitrate transporter	A8UQY0
<i>Hyphomicrobium denitrificans</i> ATCC 51888	Major facilitator superfamily MFS_1	C6QIP1
<i>Janibacter sp.</i> HTCC2649	Putative nitrate/nitrite transporter protein	A3TNH5
<i>Kangiella koreensis</i> DSM 16069	Major facilitator superfamily MFS_1	C7RBW6
<i>Klebsiella pneumoniae</i> (strain 342)	Transporter, major facilitator family	B5Y2B2
<i>Kribbella flavida</i> DSM 17836	Nitrate/nitrite transporter	C1WXU0
<i>Laccaria bicolor</i> (strain S238N-H82) (Bicoloured deceiver) (<i>Laccaria laccata OS var. bicolor</i>)	Nitrate/nitrite porter	B0DST1
<i>Laccaria lateritia</i>	Putative high affinity nitrate transporter	C7SFI7
<i>Laccaria ochropurpurea</i>	Putative high affinity nitrate transporter	C7SFJ2
<i>Laccaria sp.</i> DED7419	Putative high affinity nitrate transporter	C7SFI9
<i>Laccaria sp.</i> GMM1080	Putative high affinity nitrate transporter	C7SFJ7
<i>Laccaria sp.</i> GMM7238	Putative high affinity nitrate transporter	C7SFK1
<i>Laccaria sp.</i> JCS071005C	Putative high affinity nitrate transporter	C7SFJ5
<i>Lachancea thermotolerans</i> (strain CBS 6340) (Yeast) (<i>Kluyveromyces OS thermotolerans</i>)	KLTH0G19668p	C5DNT4
<i>Lactobacillus antri</i> DSM 16041	MFS family major facilitator transporter, nitrate:nitrite antiporter	C8P7F3
<i>Lactobacillus fermentum</i> ATCC 14931	MFS family major facilitator transporter, nitrate:nitrite antiporter	C0WY83
<i>Lactobacillus reuteri</i> 100-23	Major facilitator superfamily MFS_1 (Precursor)	B3XLD0
<i>Lactobacillus reuteri</i> MM2-3	MFS family major facilitator transporter, nitrate:nitrite antiporter	C0Z0K7
<i>Lactobacillus reuteri</i> MM4-1A	MFS family major facilitator transporter, nitrate:nitrite antiporter	C2F520
<i>Lentisphaera araneosa</i> HTCC2155	Major facilitator superfamily MFS_1	A6DPB8
<i>Leptospira biflexa serovar Patoc</i> (strain Patoc 1 / ATCC 23582 / Paris)	Putative nitrite extrusion protein 1 NarK,MFS superfamily	B0SN81
<i>Leptospira biflexa serovar Patoc</i> (strain Patoc 1 / Ames)	Nitrate/nitrite transporter	B0SEP4
<i>Limnobacter sp.</i> MED105	Nitrate permease	A6GRT3
<i>Lotus japonicus</i>	Membrane transporter	Q9ARC5
<i>Lutiella nitroferrum</i> 2002	Major facilitator superfamily MFS_1 (Precursor)	B9Z091
<i>Lyngbya sp.</i> PCC 8106	Hypothetical nitrate transporter	A0YL94
<i>Macrocooccus caseolyticus</i> (strain JCSC5402)	Putative uncharacterized protein	B9E8I9
<i>Magnaporthe grisea</i> (Rice blast fungus) (<i>Pyricularia grisea</i>)	Putative uncharacterized protein	A4QVC1

<i>Magnaporthe grisea</i> 70-15	Putative uncharacterized protein	Q2KEL7
<i>Maricaulis maris</i> (strain MCS10)	Major facilitator superfamily MFS_1	Q0AL49
<i>Marinobacter algicola</i> DG893	Nitrate transporter	A6F2W5
<i>Marinobacter aquaeolei</i> (strain ATCC 700491 / DSM 11845 / VT8) <i>Marinobacter OS hydrocarbonoclasticus</i> (strain DSM 11845)	Major facilitator superfamily MFS_1	A1U5E4
<i>Marinobacter aquaeolei</i> (strain ATCC 700491 / DSM 11845 / VT8) <i>Marinobacter OS hydrocarbonoclasticus</i> (strain DSM 11845)	Major facilitator superfamily MFS_1 (Precursor)	A1U5E6
<i>Marinobacter sp.</i> ELB17	MFS nitrate/nitrite transporter	A3JBP5
<i>Meiothermus silvanus</i> DSM 9946	Nitrate/nitrite transporter	C1XRH1
<i>Mesorhizobium sp.</i> (strain BNC1)	Major facilitator superfamily MFS_1	Q11IC9
<i>Metallosphaera sedula</i> (strain ATCC 51363 / DSM 5348)	Major facilitator superfamily MFS_1 (Precursor)	A4YF51
<i>Methanocaldococcus infernus</i> ME	Major facilitator superfamily MFS_1	C5U5N7
<i>Methylibium petroleiphilum</i> (strain PM1)	Nitrate/proton symporter	A2SGI2
<i>Methylobacillus flagellatus</i> (strain KT / ATCC 51484 / DSM 6875)	Nitrate transporter	Q1H4J5
<i>Methylobacterium nodulans</i> (strain ORS2060 / LMG 21967)	Major facilitator superfamily MFS_1	B8IUP7
<i>Methylobacterium radiotolerans</i> (strain ATCC 27329 / DSM 1819 / JCM 2831)	Major facilitator superfamily MFS_1 (Precursor)	B1M131
<i>Methylobacterium radiotolerans</i> (strain ATCC 27329 / DSM 1819 / JCM 2831)	Major facilitator superfamily MFS_1	B1M423
<i>Methylobacterium sp.</i> (strain 4-46)	Major facilitator superfamily MFS_1	B0UCW1
<i>Methylocella silvestris</i> (strain BL2 / DSM 15510 / NCIMB 13906)	Major facilitator superfamily MFS_1	B8EJG1
<i>Methylotenera mobilis</i> (strain JLW8 / ATCC BAA-1282 / DSM 17540)	Major facilitator superfamily MFS_1	C6WXA6
<i>Micromonas pusilla</i> CCMP1545	Major facilitator superfamily	C1MRK1
<i>Micromonas sp.</i> RCC299	Major facilitator superfamily	C1EDB0
<i>Micromonas sp.</i> RCC299	Major facilitator superfamily Predicted protein	C1FDD2
<i>Moritella sp.</i> PE36	Hypothetical nitrate transporter	A6FFN3
<i>Mycobacterium bovis</i> (strain BCG / Pasteur 1173P2)	Possible nitrate/nitrite transporter narK2	A1KJF4
<i>Mycobacterium bovis</i> (strain BCG / Tokyo 172 / ATCC 35737 / TMC 1019)	Putative nitrate/nitrite transporter	C1AP10
<i>Mycobacterium bovis</i>	POSSIBLE NITRATE/NITRITE TRANSPORTER NARK2	Q7TZN8
<i>Mycobacterium gilvum</i> (strain PYR-GCK) <i>Mycobacterium flavescens</i> (strain OS ATCC 700033 / PYR-GCK)	Major facilitator superfamily MFS_1	A4T915
<i>Mycobacterium smegmatis</i> (strain ATCC 700084 / mc(2)155)	Nitrate/nitrite transporter protein	A0R2J9

<i>Mycobacterium sp.</i> (strain JLS)	Major facilitator superfamily MFS_1	A3PW15
<i>Mycobacterium sp.</i> (strain KMS)	Major facilitator superfamily MFS_1	A1UCD5
<i>Mycobacterium sp.</i> (strain MCS)	Major facilitator superfamily MFS_1	Q1BCK8
<i>Mycobacterium tuberculosis</i> (strain ATCC 25177 / H37Ra)	Putative nitrate/nitrite transporter NarK2	A5U397
<i>Mycobacterium tuberculosis</i> (strain F11)	Nitrate/nitrite transporter narK2	A5WN57
<i>Mycobacterium tuberculosis C</i>	Nitrate/nitrite transporter narK2	A2VIL8
<i>Mycobacterium tuberculosis</i> KZN 1435	Nitrate/nitrite transporter narK2	C6DRE6
<i>Mycobacterium tuberculosis</i> str. Haarlem	Nitrate/nitrite transporter narK2	A4KHP8
<i>Mycobacterium vanbaalenii</i> (strain DSM 7251 / PYR-1)	Major facilitator superfamily MFS_1	A1TDS2
<i>Nakamurella multipartita</i> DSM 44233	Major facilitator superfamily MFS_1	C8XFL1
<i>Natronomonas pharaonis</i> (strain DSM 2160 / ATCC 35678)	Nitrate/nitrite transporter	Q3INU7
<i>Nectria haematococca</i> mpVI 77-13-4	Predicted protein	C7YHH7
<i>Neosartorya fischeri</i> (strain ATCC 1020 / DSM 3700 / FGSC A1164 / NRRL 181) OS (<i>Aspergillus fischerianus</i>)	Nitrate transporter CrnA	A1D2D9
<i>Neosartorya fischeri</i> (strain ATCC 1020 / DSM 3700 / FGSC A1164 / NRRL 181) OS (<i>Aspergillus fischerianus</i>)	Nitrate transporter	A1D116
<i>Neosartorya fischeri</i> (strain ATCC 1020 / DSM 3700 / FGSC A1164 / NRRL 181) OS (<i>Aspergillus fischerianus</i>)	MFS transporter, putative	A1D0E5
<i>Neptuniibacter caesariensis</i>	Nitrate permease	Q2BND7
<i>Neurospora crassa</i>	Probable nitrate transport protein crnA	Q871D0
<i>Nicotiana plumbaginifolia</i> (Leadwort-leaved tobacco)	Nitrate transporter	O04431
<i>Nicotiana tabacum</i> (Common tobacco)	High affinity nitrate transporter protein	Q84MZ9
<i>Nitrobacter hamburgensis</i> (strain X14 / DSM 10229)	Major facilitator superfamily MFS_1	Q1QND1
<i>Nitrobacter hamburgensis</i> (strain X14 / DSM 10229)	Major facilitator superfamily MFS_1 (Precursor)	Q1QKJ8
<i>Nitrobacter hamburgensis</i> (strain X14 / DSM 10229)	Major facilitator superfamily MFS_1	Q1QHX4
<i>Nitrobacter sp.</i> Nb-311A	Major facilitator superfamily protein	A3WYZ1
<i>Nitrobacter winogradskyi</i> (strain Nb-255 / ATCC 25391)	Major facilitator superfamily MFS_1	Q3SUJ7
<i>Nitrobacter winogradskyi</i> (strain Nb-255 / ATCC 25391)	Major facilitator superfamily MFS_1 (Precursor)	Q3SSR1
<i>Nitrococcus mobilis</i> Nb-231	Major facilitator superfamily MFS_1	A4BR36
<i>Nocardiopsis dassonvillei subsp. dassonvillei</i> DSM 43111	Nitrate/nitrite transporter	C1YGD6
<i>Nodularia spumigena</i> CCY 9414	Hypothetical nitrate transporter	A0ZEY2
<i>Novosphingobium aromaticivorans</i> (strain DSM 12444)	Major facilitator superfamily MFS_1	Q2G418
<i>Oligotropha carboxidovorans</i> (strain ATCC 49405 / DSM 1227 / OM5)	Transporter, nitrate/nitrite porter (NNP)	B6JE54
<i>Opitutus terrae</i> (strain DSM 11246 / PB90-1)	Major facilitator superfamily MFS_1	B1ZVT3
<i>Oryza sativa</i> (Rice)	High affinity nitrate transporter	O82138
<i>Oryza sativa subsp. indica</i> (Rice)	Putative uncharacterized protein	B8AGH0
<i>Oryza sativa subsp. japonica</i> (Rice)	Os02g0112100 protein Os02g0112600 protein Putative	Q6ZH34

	uncharacterized protein cDNA clone:002-146-C04, full insert sequence High affinity nitrate transporter	
<i>Oryza sativa subsp. japonica</i> (Rice)	Putative uncharacterized protein cDNA clone:002-147-B08, full insert sequence Membrane transporter-like	Q94JG1
<i>Oryza sativa subsp. japonica</i> (Rice)	Membrane transporter-like Os01g0704100 protein	Q5N9S1
<i>Oryza sativa subsp. japonica</i> (Rice)	Putative uncharacterized protein	A3A2D3
<i>Ostreococcus lucimarinus</i> (strain CCE9901)	MFS family transporter: nitrate	A4S3I1
<i>Ostreococcus tauri</i>	Ntr2, nitrate high-affinity transporter (IC)	Q010H8
<i>Pantoea</i> sp. At-9b	Major facilitator superfamily MFS_1	C8QGT0
<i>Paracoccidioides brasiliensis</i> (strain ATCC MYA-826 / Pb01)	Nitrate transporter	C1H9Z7
<i>Paracoccidioides brasiliensis</i> (strain Pb03)	High affinity nitrate transporter NrtB	C0RY95
<i>Paracoccidioides brasiliensis</i> (strain Pb03)	Putative uncharacterized protein	C0S6X8
<i>Paracoccidioides brasiliensis</i> (strain Pb18)	Nitrate transporter	C1G6K4
<i>Paracoccidioides brasiliensis</i> (strain Pb18)	Putative uncharacterized protein	C1G4Y7
<i>Paracoccus denitrificans</i> (strain Pd 1222)	Major facilitator superfamily MFS_1	A1BAH3
<i>Paracoccus halodenitrificans</i> (<i>Halomonas halodenitrificans</i>)	Putative nitrate transporter	Q8VUK5
<i>Paracoccus pantotrophus</i> (<i>Thiosphaera pantotropha</i>)	NarK	Q93PW1
<i>Parvularcula bermudensis</i> HTCC2503	Hypothetical nitrate transporter	A3VVE5
<i>Pectobacterium carotovorum subsp. carotovorum</i> (strain PC1)	Major facilitator superfamily MFS_1	C6DGN6
<i>Pectobacterium wasabiae</i> WPP163	Major facilitator superfamily MFS_1	C6NB41
<i>Penicillium chrysogenum</i> (strain ATCC 28089 / DSM 1075 / Wisconsin 54-1255) OS (<i>Penicillium notatum</i>)	Pc13g11470 protein	B6H4V0
<i>Penicillium chrysogenum</i> (strain ATCC 28089 / DSM 1075 / Wisconsin 54-1255) OS (<i>Penicillium notatum</i>)	Pc21g02850 protein	B6HKD2
<i>Penicillium marneffeii</i> (strain ATCC 18224 / CBS 334.59 / QM 7333)	High affinity nitrate transporter NrtB	B6QCQ9
<i>Penicillium marneffeii</i> (strain ATCC 18224 / CBS 334.59 / QM 7333)	Putative uncharacterized protein	B6QN05
<i>Persephonella marina</i> (strain DSM 14350 / EX-H1)	Major facilitator family transporter	C0QPT1
<i>Phaeodactylum tricorutum</i> CCAP 1055/1	Predicted protein	B7FSH2
<i>Phaeodactylum tricorutum</i> CCAP 1055/1	Predicted protein (Fragment)	B7GE09
<i>Phaeosphaeria nodorum</i> (Glume blotch fungus) (<i>Septoria nodorum</i>)	Putative uncharacterized protein	Q0U5F9
<i>Phenylobacterium zucineum</i> (strain HLK1)	Nitrate transporter	B4RFL7
<i>Photobacterium profundum</i> (<i>Photobacterium</i> sp. (strain SS9))	Hypothetical nitrate transporter	Q6LP73
<i>Photobacterium profundum</i> 3TCK	Hypothetical nitrate transporter	Q1Z444
<i>Phragmites australis</i> (Common reed)	Putative high affinity nitrate transporter	Q84LK4

<i>Physcomitrella patens</i> (Moss)	Nitrate transporter	Q76C06
<i>Physcomitrella patens</i> subsp. <i>patens</i>	Nitrate transporter	A9SPB8
<i>Physcomitrella patens</i> subsp. <i>patens</i>	Predicted protein	A9RIX7
<i>Physcomitrella patens</i> subsp. <i>patens</i>	Nitrate transporter	A9SPC0
<i>Physcomitrella patens</i> subsp. <i>patens</i>	Predicted protein	A9SR55
<i>Pichia angusta</i> (Yeast) (<i>Hansenula polymorpha</i>)	Nitrate transporter	Q92240
<i>Pichia stipitis</i> (Yeast)	Transporter of Nicotinic Acid	A3LXR2
<i>Pichia stipitis</i> (Yeast)	Putative allantoate permease	A3LSF3
<i>Planctomyces limnophilus</i> DSM 3776	Nitrate/nitrite transporter	C1ZL63
<i>Planctomyces maris</i> DSM 8797	Major facilitator superfamily MFS_1	A6C7D6
<i>Podospora anserina</i>	Predicted CDS Pa_1_10780	B2AYE0
<i>Podospora anserina</i>	Predicted CDS Pa_2_13570	B2AC56
<i>Podospora anserina</i>	Predicted CDS Pa_6_7700	B2B3Z2
<i>Polaromonas naphthalenivorans</i> (strain CJ2)	Major facilitator superfamily MFS_1	A1VTT1
<i>Polaromonas</i> sp. (strain JS666 / ATCC BAA-500)	Major facilitator superfamily MFS_1	Q122R2
<i>Populus tremula</i> x <i>Populus tremuloides</i>	Nitrate transporter	Q5K410
<i>Populus trichocarpa</i> (Western balsam poplar) (<i>Populus balsamifera</i> subsp. <i>OS trichocarpa</i>)	Predicted protein	B9I3G5
<i>Populus trichocarpa</i> (Western balsam poplar) (<i>Populus balsamifera</i> subsp. <i>OS trichocarpa</i>)	High affinity nitrate transporter (Fragment)	B9IEW2
<i>Populus trichocarpa</i> (Western balsam poplar) (<i>Populus balsamifera</i> subsp. <i>OS trichocarpa</i>)	Predicted protein (Fragment)	B9IEW4
<i>Populus trichocarpa</i> (Western balsam poplar) (<i>Populus balsamifera</i> subsp. <i>OS trichocarpa</i>)	Predicted protein	B9NG16
<i>Populus trichocarpa</i> (Western balsam poplar) (<i>Populus balsamifera</i> subsp. <i>OS trichocarpa</i>)	High affinity nitrate transporter	B9HQM0
<i>Populus trichocarpa</i> (Western balsam poplar) (<i>Populus balsamifera</i> subsp. <i>OS trichocarpa</i>)	High affinity nitrate transporter	B9HQL9
<i>Porphyra yezoensis</i>	Nitrate transporter	B5BP44
<i>Prunus persica</i> (Peach)	Predicted protein	B8PA78
<i>Prunus persica</i> (Peach)	High-affinity nitrate transporterNitrate transporter	Q76IH8
<i>Prunus persica</i> (Peach)	High-affinity nitrate transporterNitrate transporter	Q76IJ7
<i>Pseudoalteromonas atlantica</i> (strain T6c / BAA-1087)	Major facilitator superfamily MFS_1	Q15T53
<i>Pseudomonas aeruginosa</i>	Nitrate transporter	Q9X4K3
<i>Pseudomonas aeruginosa</i> (strain LESB58)	Nitrate transporter	B7VB96
<i>Pseudomonas aeruginosa</i> (strain PA7)	Nitrate transporter	A6V741
<i>Pseudomonas aeruginosa</i> (strain UCBPP-PA14)	Putative nitrite extrusion protein	Q02S42
<i>Pseudomonas aeruginosa</i> (strain UCBPP-PA14)	Nitrate transporter	Q02KS4

<i>Pseudomonas aeruginosa</i> C3719	Nitrate transporter	A3KSY8
<i>Pseudomonas aeruginosa</i>	Nitrate transporter	Q9I2V9
<i>Pseudomonas entomophila</i> (strain L48)	Nitrate transporter	Q1ICL7
<i>Pseudomonas fluorescens</i> (strain Pf-5 / ATCC BAA-477)	Major facilitator family transporter	Q4KJI3
<i>Pseudomonas fluorescens</i> (strain Pf0-1)	Putative nitrate transporter	Q3KFD0
<i>Pseudomonas fluorescens</i> (strain SBW25)	Putative nitrate transporter	C3K0B5
<i>Pseudomonas fluorescens</i>	Putative nitrate/nitrite transporter	Q9F0X9
<i>Pseudomonas putida</i> (strain KT2440)	Nitrate transporter	Q88L43
<i>Pseudomonas putida</i> (strain W619)	Major facilitator superfamily MFS_1	B1JAB1
<i>Pseudomonas sp.</i> MT-1	Nitrate transporter	Q5NUP5
<i>Pseudomonas stutzeri</i> (<i>Pseudomonas perfectomarina</i>)	NarM	Q2KJP4
<i>Pseudomonas stutzeri</i> (<i>Pseudomonas perfectomarina</i>)	NarC protein	Q0E4U9
<i>Pseudomonas stutzeri</i> (strain A1501)	Nitrate transporter	A4VM57
<i>Pseudomonas syringae</i> pv. <i>phaseolicola</i> (strain 1448A / Race 6)	Nitrate transporter	Q48JY4
<i>Pseudomonas syringae</i> pv. <i>syringae</i> (strain B728a)	Nitrate transporter	Q4ZUM7
<i>Pseudomonas syringae</i> pv. <i>tomato</i>	Nitrate transporter	Q883P6
<i>Pseudovibrio sp.</i> JE062	Major facilitator superfamily protein	B6R1H5
<i>Psychrobacter arcticus</i> (strain DSM 17307 / 273-4)	MFS nitrate/nitrite transporter	Q4FU47
<i>Psychrobacter cryohalolentis</i> (strain K5)	Major facilitator superfamily MFS_1	Q1QB52
<i>Psychrobacter sp.</i> (strain PRwf-1)	Major facilitator superfamily MFS_1	A5WFQ1
<i>Psychrobacter sp.</i> (strain PRwf-1)	Major facilitator superfamily MFS_1	A5WD76
<i>Pyrenophora tritici-repentis</i> (strain Pt-1C-BFP) (Wheat tan spot fungus) OS (<i>Drechslera tritici-repentis</i>)	High affinity nitrate transporter NrtB	B2WHZ2
<i>Pyrenophora tritici-repentis</i> (strain Pt-1C-BFP) (Wheat tan spot fungus) OS (<i>Drechslera tritici-repentis</i>)	MFS transporter	B2W4E4
<i>Ralstonia eutropha</i> (strain JMP134) (<i>Alcaligenes eutrophus</i>)	Major facilitator superfamily MFS_1	Q46RM7
<i>Ralstonia eutropha</i> (strain ATCC 17699 / H16 / DSM 428 / Stanier 337) OS <i>Cupriavidus necator</i> (strain ATCC 17699 / H16 / DSM 428 / Stanier OS 337)	MFS transporter, NNP family	Q0K352
<i>Ralstonia eutropha</i> (strain ATCC 17699 / H16 / DSM 428 / Stanier 337) OS <i>Cupriavidus necator</i> (strain ATCC 17699 / H16 / DSM 428 / Stanier OS 337)	Putative nitrite/nitrate transporter	Q7WX74
<i>Ralstonia eutropha</i> (strain ATCC 17699 / H16 / DSM 428 / Stanier 337) OS <i>Cupriavidus necator</i> (strain ATCC 17699 / H16 / DSM 428 / Stanier OS 337)	Nitrate / nitrite transporter, MFS-type, NNP family	Q0JYX9
<i>Ralstonia eutropha</i> (strain ATCC 17699 / H16 / DSM 428 / Stanier 337) OS <i>Cupriavidus necator</i> (strain ATCC 17699 / H16 / DSM 428 / Stanier OS 337)	MFS transporter, ACS family	Q0K843

H16 / DSM 428 / Stanier OS 337)		
<i>Ralstonia eutropha</i> (strain ATCC 17699 / H16 / DSM 428 / Stanier 337) OS <i>Cupriavidus necator</i> (strain ATCC 17699 / H16 / DSM 428 / Stanier OS 337)	Nitrate / nitrite transporter, MFS-type, NNP family	Q0JYX8
<i>Ralstonia eutropha</i> (strain JMP134) (<i>Alcaligenes eutrophus</i>)	Major facilitator superfamily MFS_1	Q46RM7
<i>Ralstonia eutropha</i> (strain JMP134) (<i>Alcaligenes eutrophus</i>)	Major facilitator superfamily MFS_1	Q46R86
<i>Ralstonia eutropha</i> (strain JMP134) (<i>Alcaligenes eutrophus</i>)	General substrate transporter:Major facilitator superfamily MFS_1	Q474D9
<i>Ralstonia eutropha</i> (strain JMP134) (<i>Alcaligenes eutrophus</i>)	Nitrate transporter	Q46R85
<i>Ralstonia metallidurans</i> (strain CH34 / ATCC 43123 / DSM 2839)	Major facilitator superfamily MFS_1	Q1LDU7
<i>Ralstonia metallidurans</i> (strain CH34 / ATCC 43123 / DSM 2839)	Major facilitator superfamily MFS_1	Q1LLM5
<i>Ralstonia metallidurans</i> (strain CH34 / ATCC 43123 / DSM 2839)	Nitrate transporter	Q1LLM4
<i>Ralstonia pickettii</i> (strain 12D)	Major facilitator superfamily MFS_1	C6BN60
<i>Ralstonia pickettii</i> (strain 12D)	Major facilitator superfamily MFS_1 (Precursor)	C6BL91
<i>Ralstonia pickettii</i> (strain 12J)	Major facilitator superfamily MFS_1	B2U9K9
<i>Ralstonia pickettii</i> (strain 12J)	Major facilitator superfamily MFS_1(Precursor)	B2UJK0
<i>Ralstonia solanacearum</i> (<i>Pseudomonas solanacearum</i>)	Probable high affinity nitrate transporter transmembrane protein	Q8XQK1
<i>Ralstonia solanacearum</i> (<i>Pseudomonas solanacearum</i>)	High affinity nitrate transporter protein	B5SDM9
<i>Ralstonia solanacearum</i> (<i>Pseudomonas solanacearum</i>)	NarK	A4L737
<i>Ralstonia solanacearum</i> (<i>Pseudomonas solanacearum</i>)	Nitrite/nitrate transporter protein	B5RY99
<i>Ralstonia solanacearum</i> (<i>Pseudomonas solanacearum</i>)	Putative nitrite/nitrate transporter transmembrane protein	Q8XR87
<i>Ralstonia solanacearum</i> UW551	Transporter	A3RXP1
<i>Rhizobium etli</i> (strain CFN 42 / ATCC 51251)	Probable nitrate transporter protein	Q2K9A8
<i>Rhizobium etli</i> (strain CIAT 652)	Probable nitrate transporter protein	B3PXQ8
<i>Rhizobium leguminosarum</i> <i>bv.</i> <i>trifolii</i> (strain WSM1325)	Major facilitator superfamily MFS_1	C6AW80
<i>Rhizobium leguminosarum</i> <i>bv.</i> <i>trifolii</i> (strain WSM2304)	Major facilitator superfamily MFS_1	B5ZMC5
<i>Rhizobium leguminosarum</i> <i>bv.</i> <i>viciae</i> (strain 3841)	Putative nitrate transport protein	Q1MHS6
<i>Rhizobium meliloti</i> (<i>Sinorhizobium meliloti</i>)	Probable nitrate transporter	Q92WC1
<i>Rhizobium meliloti</i> (<i>Sinorhizobium meliloti</i>)	Putative transporter protein	Q92WR7
<i>Rhizobium</i> <i>sp.</i> (strain NGR234)	Probable nitrate transporter proteinNitrite extrusion protein	Q6W278
<i>Rhodoferrax ferrireducens</i> (strain DSM 15236 / ATCC BAA-621 / T118)	Major facilitator superfamily MFS_1 (Precursor)	Q21UQ1
<i>Rhodopseudomonas palustris</i> (strain TIE-1)	Major facilitator superfamily MFS_1 (Precursor)	B3QBZ4
<i>Rhodopseudomonas palustris</i>	Putative transporter (Precursor)	Q6N4S5
<i>Rhodothermus marinus</i> DSM 4252	Nitrate/nitrite transporter	C1ZUS5
<i>Ricinus communis</i> (Castor bean)	Nitrate transporter, putative	B9S0I5

<i>Roseobacter denitrificans</i> (strain ATCC 33942 / OCh 114) <i>Erythrobacter</i> sp. OS (strain OCh 114) (<i>Roseobacter denitrificans</i>)	Nitrate permease	Q166T7
<i>Roseobacter</i> sp. MED193	Probable high affinity nitrate transporter transmembrane protein	A3X8Q1
<i>Roseobacter</i> sp. SK209-2-6	Probable high affinity nitrate transporter transmembrane protein	A4EXU3
<i>Rothia mucilaginosa</i> ATCC 25296	Nitrate/nitrite transporter protein	C6R3H2
<i>Rubrobacter xylanophilus</i> (strain DSM 9941 / NBRC 16129)	Major facilitator superfamily MFS_1 (Precursor)	Q1AWQ8
<i>Ruthia magnifica</i> subsp. <i>Calypotgena magnifica</i>	Major facilitator superfamily MFS_1 (Precursor)	A1AWX0
<i>Saccharophagus degradans</i> (strain 2-40 / ATCC 43961 / DSM 17024)	Major facilitator superfamily MFS_1	Q21IE1
<i>Salinispora arenicola</i> (strain CNS-205)	Major facilitator superfamily MFS_1	A8LXR0
<i>Salinispora arenicola</i> (strain CNS-205)	Nitrate/nitrite transporter-like protein	A8LXQ9
<i>Salinispora tropica</i> (strain ATCC BAA-916 / DSM 44818 / CNB-440)	Major facilitator superfamily MFS_1	A4X1B1
<i>Salinispora tropica</i> (strain ATCC BAA-916 / DSM 44818 / CNB-440)	Nitrate/nitrite transporter-like protein	A4X1B0
<i>Sclerotinia sclerotiorum</i> (strain ATCC 18683 / 1980 / Ss-1) (White mold) OS (<i>Whetzelinia sclerotiorum</i>)	Putative uncharacterized protein	A7F515
<i>Shewanella benthica</i> KT99	Hypothetical nitrate transporter	A9DHG3
<i>Shewanella denitrificans</i> (strain OS217 / ATCC BAA-1090 / DSM 15013)	Nitrate transporter	Q12HT9
<i>Shewanella halifaxensis</i> (strain HAW-EB4)	Major facilitator superfamily MFS_1	B0TN49
<i>Shewanella piezotolerans</i> (strain WP3 / JCM 13877)	Nitrate transporter	B8CQX0
<i>Shewanella sediminis</i> (strain HAW-EB3)	Nitrate/nitrite transporter	A8FUQ0
<i>Shewanella woodyi</i> (strain ATCC 51908 / MS32)	Major facilitator superfamily MFS_1	B1KHL8
<i>Shigella dysenteriae</i> 1012	Transporter, major facilitator family	B3X622
<i>Shigella flexneri</i> serotype 5b (strain 8401)	Putative transport protein	Q0SX55
<i>Shigella flexneri</i>	Putative transport protein	Q83P13
<i>Sinorhizobium medicae</i> (strain WSM419) (<i>Ensifer medicae</i>)	Major facilitator superfamily MFS_1	A6UFS3
<i>Sinorhizobium medicae</i> (strain WSM419) (<i>Ensifer medicae</i>)	Major facilitator superfamily MFS_1 (Precursor)	A6UG91
<i>Skeletonema costatum</i> (<i>Marine centric diatom</i>)	Putative nitrate transporter (Fragment)	Q8RY50
<i>Solanum lycopersicum</i> (Tomato) (<i>Lycopersicon esculentum</i>)	Putative high-affinity nitrate transporter	Q9SQG7
<i>Solibacter usitatus</i> (strain Ellin6076)	Major facilitator superfamily MFS_1	Q02CL6
<i>Solibacter usitatus</i> (strain Ellin6076)	Major facilitator superfamily MFS_1 (Precursor)	Q023D1
<i>Sorangium cellulosum</i> (strain So ce56) <i>Polyangium cellulosum</i> (strain So OS ce56)	High-affinity nitrate transporter, putative	A9GAB0
<i>Sorghum bicolor</i> (Sorghum) (<i>Sorghum vulgare</i>)	Putative uncharacterized protein Sb04g000970	C5XS78
<i>Sphingomonas</i> sp. SKA58	Major facilitator superfamily MFS_1	Q1NGY2

<i>Sphingopyxis alaskensis</i> (<i>Sphingomonas alaskensis</i>)	Major facilitator superfamily MFS_1	Q1GTP4
<i>Spinacia oleracea</i> (Spinach)	High affinity nitrate transporter	A1YYP6
<i>Spirosoma linguale</i> DSM 74	Nitrate/nitrite transporter	C4D0M5
<i>Spirulina maxima</i> (<i>Arthrospira maxima</i>)	Nitrate transporter	Q1WA45
<i>Stackebrandtia nassauensis</i> DSM 44728	Nitrate/nitrite transporter	C4DSC0
<i>Staphylococcus aureus</i> A9719	Nitrate transporter NarT	C8MQJ1
<i>Staphylococcus aureus</i> A9763	Nitrate transporter NarT	C8MSN1
<i>Staphylococcus aureus</i> A9781	Nitrate transporter NarT	C8N2L9
<i>Staphylococcus aureus</i> (strain COL)	Probable nitrate transporter narT	Q5HDG7
<i>Staphylococcus aureus</i> (strain JH1) 389 24	Probable nitrate transporter narT	A6U4B6
<i>Staphylococcus aureus</i> (strain JH9)	Probable nitrate transporter narT	A5IVG9
<i>Staphylococcus aureus</i> (strain MRSA252)	Probable nitrate transporter narT	Q6GE44
<i>Staphylococcus aureus</i> (strain MSSA476)	Probable nitrate transporter narT	Q6G6T3
<i>Staphylococcus aureus</i> (strain MW2)	Probable nitrate transporter narT	Q8NV31
<i>Staphylococcus aureus</i> (strain Mu3 / ATCC 700698)	Probable nitrate transporter narT	A7X618
<i>Staphylococcus aureus</i> (strain Mu50 / ATCC 700699)	Probable nitrate transporter narT	Q99RP1
<i>Staphylococcus aureus</i> (strain N315)	Probable nitrate transporter narT	Q7A3U8
<i>Staphylococcus aureus</i> (strain NCTC 8325)	Probable nitrate transporter narT	Q2FVN1
<i>Staphylococcus aureus</i> (strain Newman)	Probable nitrate transporter narT	A6QJM8
<i>Staphylococcus aureus</i> (strain USA300 / TCH1516)	Probable nitrate transporter narT	A8Z577
<i>Staphylococcus aureus</i> (strain USA300)	Probable nitrate transporter narT	Q2FEB0
<i>Staphylococcus aureus</i> (strain bovine RF122 / ET3-1)	Probable nitrate transporter narT	Q2YZ45
<i>Staphylococcus aureus subsp. aureus</i> MN8	MFS family major facilitator transporter, nitrate:nitrite antiporter	C2K3X7
<i>Staphylococcus aureus subsp. aureus</i> TCH130	MFS family major facilitator transporter, nitrate:nitrite antiporter	C5Q2J0
<i>Staphylococcus aureus subsp. aureus</i> TCH60	MFS family major facilitator transporter, nitrate:nitrite antiporter	C2G8F1
<i>Staphylococcus aureus subsp. aureus</i> TCH70	MFS family major facilitator transporter, nitrate:nitrite antiporter	C5QFT4
<i>Staphylococcus aureus subsp. aureus</i> USA300_TCH959	MFS family major facilitator transporter, nitrate:nitrite antiporter	C5MZT3
<i>Staphylococcus carnosus</i> (strain TM300)	Probable nitrate transporter narT	O33854
<i>Staphylococcus haemolyticus</i> (strain JCSC1435)	Probable nitrate transporter narT	Q4L8Q5
<i>Stenotrophomonas maltophilia</i> (strain K279a)	Putative MFS transmembrane nitrite extrusion transporter protein	B2FUK7
<i>Stenotrophomonas maltophilia</i> (strain R551-3)	Major facilitator superfamily MFS_1	B4SL54
<i>Streptococcus agalactiae</i> 18RS21	Major facilitator superfamily permease	Q3DUT0
<i>Streptococcus agalactiae</i> 515	Major facilitator family protein	Q3DNT0
<i>Streptococcus agalactiae</i> CJB111	Major facilitator family protein	Q3DBQ1
<i>Streptococcus agalactiae</i> H36B	Major facilitator family protein	Q3D1C1
<i>Streptococcus agalactiae</i> serotype III	Putative uncharacterized protein gbs2013	Q8E2V1
<i>Streptococcus agalactiae</i> serotype Ia	Major facilitator family protein	Q3JYR5

<i>Streptococcus agalactiae</i> serotype V	Major facilitator family protein	Q8DX01
<i>Streptococcus mutans</i> NN2025	Putative uncharacterized protein	C6STG2
<i>Streptococcus uberis</i> (strain ATCC BAA-854 / 0140J)	Major facilitator superfamily protein	B9DSI4
<i>Streptomyces coelicolor</i>	Putative nitrate/nitrite transporter protein	Q9RI35
<i>Streptomyces pristinaespiralis</i> ATCC 25486	NapR5	B5H8E2
<i>Streptosporangium roseum</i> DSM 43021	Nitrate/nitrite transporter	C4E4B7
<i>Streptosporangium roseum</i> DSM 43021	Nitrate/nitrite transporter	C4E4B7
<i>Synechococcus sp.</i> (strain ATCC 27264 / PCC 7002 / PR-6) (<i>Agmenellum OS quadruplicatum</i>)	Nitrate transporter	B1XLL7
<i>Synechococcus sp.</i> (strain CC9311)	Nitrate permease NapA	Q0I648
<i>Synechococcus sp.</i> (strain CC9605)	Nitrate transporter	Q3AGB5
<i>Synechococcus sp.</i> (strain CC9902)	Nitrate transporter	Q3AVP7
<i>Synechococcus sp.</i> (strain RCC307)	Nitrate/nitrite transporter, MFS family	A5GWY4
<i>Synechococcus sp.</i> (strain WH7803)	Nitrate permease NapA Nitrate/nitrite transporter, MFS family	Q9EYN6
<i>Synechococcus sp.</i> (strain WH7805)	Nitrate transporter	A4CWZ9
<i>Synechococcus sp.</i> (strain WH8103)	Nitrate/nitrite bispecific permease	Q6U6W6
<i>Synechococcus sp.</i> BL107	Nitrate transporter	Q062B2
<i>Synechococcus sp.</i> RS9916	Nitrate transporter	Q05V09
<i>Synechococcus sp.</i> (strain ATCC 27264 / PCC 7002 / PR-6) (<i>Agmenellum OS quadruplicatum</i>)	Nitrate transporter	Q9R6U5
<i>Talaromyces stipitatus</i> (strain ATCC 10500 / CBS 375.48 / QM 6759 / NRRL OS 1006) (<i>Penicillium stipitatum</i>)	Nitrate transporter CrnA	B8M2D2
<i>Talaromyces stipitatus</i> (strain ATCC 10500 / CBS 375.48 / QM 6759 / NRRL OS 1006) (<i>Penicillium stipitatum</i>)	MFS transporter, putative	B8LTH1
<i>Talaromyces stipitatus</i> (strain ATCC 10500 / CBS 375.48 / QM 6759 / NRRL OS 1006) (<i>Penicillium stipitatum</i>)	MFS transporter, putative	B8M2I3
<i>Teredinibacter turnerae</i> (strain ATCC 39867 / T7901)	Nitrate/nitrite transporter/facilitator	C5BNC9
<i>Thalassiosira pseudonana</i> CCMP1335	Nitrate transporter	B5YNF5
<i>Thalassiosira weissflogii</i> (Marine diatom)	Putative nitrate transporter (Fragment)	Q8RY49
<i>Thalassiosira weissflogii</i> (Marine diatom)	NRT2 (Fragment)	A4URD8
<i>Thauera sp.</i> MZ1T	Major facilitator superfamily MFS_1	C4KA13
<i>Thermobaculum terrenum</i> ATCC BAA-798	Nitrate/nitrite transporter	C0V1S6
<i>Thermus aquaticus</i> Y51MC23	Major facilitator superfamily MFS_1	B7A8Z5
<i>Thermus thermophilus</i> (strain HB27 / ATCC BAA-163 / DSM 7039)	Transporter	Q72GR5
<i>Thermus thermophilus</i> (strain HB8 / ATCC 27634 / DSM 579)	Putative uncharacterized protein TTHA0203	Q5SLU0
<i>Thermus thermophilus</i>	NarK1 protein	Q9RA46

<i>Thermus thermophilus</i>	NarK2 protein	Q9RA45
<i>Thiobacillus denitrificans</i> (strain ATCC 25259)	Nitrate/proton symporter (Precursor)	Q3SJ16
<i>Thiomonas intermedia</i> K12	Major facilitator superfamily MFS_1	C7I503
<i>Tolomonas auensis</i> (strain DSM 9187 / TA4)	Major facilitator superfamily MFS_1	C4LFK9
<i>Trichodesmium sp.</i> WH 9601	Nitrate permease	Q9RA38
<i>Triticum aestivum</i> (Wheat)	High affinity nitrate transporter TaNRT2	Q9FYU4
<i>Triticum aestivum</i> (Wheat)	High-affinity nitrate transporter	Q940R8
<i>Tuber borchii</i> (White truffle)	Putative nitrate transporter	Q2UZW9
<i>Uncinocarpus reesii</i> (strain UAMH 1704)	Putative uncharacterized protein	C4JXT7
<i>Ustilago maydis</i> (Smut fungus)	Putative uncharacterized protein	Q4P7R4
<i>Variovorax paradoxus</i> (strain S110)	Major facilitator superfamily MFS_1	C5CTF5
<i>Veillonella dispar</i> ATCC 17748	Putative uncharacterized protein	C4FS83
<i>Veillonella parvula</i> DSM 2008	Nitrate/nitrite transporter	C0V4D3
<i>Verrucomicrobiae bacterium</i> DG1235	Transporter, major facilitator family	B5JDM8
<i>Vesicomysocius okutanii subsp. Calyptogena okutanii</i> (strain HA)	Nitrate transporter	A5CWD3
<i>Vibrio shilonii</i> AK1	Nitrate transporter	A6D3T9
<i>Vibrio splendidus</i> (strain LGP32) <i>Vibrio splendidus</i> (strain Mel32)	Putative nitrate transporter	B7VTW6
<i>Vibrio sp.</i> MED222	Hypothetical nitrate transporter	A3XVE4
<i>Vibrio splendidus</i> 12B01	Hypothetical nitrate transporter	A3UMJ9
<i>Vibrionales bacterium</i> SWAT-3	Hypothetical nitrate transporter	A5L6B5
<i>Vitis vinifera</i> (Grape)	Chromosome chr1 scaffold_135, whole genome shotgun sequence	A7QP22
<i>Vitis vinifera</i> (Grape)	Chromosome chr14 scaffold_21, whole genome shotgun sequence	A7PM56
<i>Vitis vinifera</i> (Grape)	Putative uncharacterized protein	A5AN11
<i>Vitis vinifera</i> (Grape)	Chromosome chr8 scaffold_29, whole genome shotgun sequence	A7PT65
<i>Vitis vinifera</i> (Grape)	Chromosome chr6 scaffold_25, whole genome shotgun sequence	A7PQU1
<i>Vitis vinifera</i> (Grape)	Putative uncharacterized protein	A5BMD0
<i>Xanthomonas campestris pv. campestris</i> (strain 8004)	Nitrate transporter	Q4UUN9
<i>Xanthomonas campestris pv. campestris</i> (strain B100)	Nitrate uptake porter	B0RT75
<i>Xanthomonas campestris pv. campestris</i>	Nitrate transporter	Q8P960
<i>Xanthomonas campestris pv. vesicatoria</i> (strain 85-10)	Nitrate uptake porter	Q3BTU0
<i>Xylanimonas cellulositytica</i> DSM 15894	Nitrate/nitrite transporter	C0VF67
<i>Zea mays</i> (Maize)	Putative high affinity nitrate transporter	Q53CL7
<i>gamma proteobacterium</i> HTCC5015	Nitrate/nitrite transporter	B5JRW6