

Name	Identity (%)	A. length (%)	Description
Clostridiales bacterium VE202-26	91	404	L-threonine ammonia-lyase
Clostridium scindens VE202-05	91	404	L-threonine ammonia-lyase
Yw_2015__SZAXPI017595-169__bin.30	91	404	L-threonine ammonia-lyase
ERR1018198__bin.24	91	404	L-threonine ammonia-lyase
Lachnoclostridium nov. ERR1204033	91	404	L-threonine ammonia-lyase
Lachnoclostridium nov. ERR1203939	91	404	L-threonine ammonia-lyase
LomanNJ_2013__OBK1196__bin.13	90	404	L-threonine ammonia-lyase
Lachnoclostridium nov. ERR171273	90	404	L-threonine ammonia-lyase
Lachnospiraceae bacterium 5_1_57FAA	90	404	L-threonine ammonia-lyase
SRR5275456__bin.18	90	404	L-threonine ammonia-lyase
Clostridium scindens ATCC 35704	90	404	L-threonine ammonia-lyase
Clostridium sp. Marseille-P2538	57	406	putative protein
Clostridium sp. AF15-17LB	33	415	putative protein
QinJ_2012__T2D-092__bin.53	n.d.	-	-
Dorea sp. D27	33	396	putative protein
Clostridium hylemonae DSM 15053	100	404	L-threonine ammonia-lyase
SRR5077148__bin.27	56	407	putative protein
Dorea formicigenerans AF12-11	53	409	putative protein
Dorea longicatena AF17-8AC	59	406	putative protein
Lachnoclostridium nov. ERR1022388	32	409	putative protein
Eubacterium sp. strain Z7895TDY5834872	32	409	putative protein
LoombaR_2017__SID5395_kej__bin.39	32	409	putative protein
Lachnoclostridium nov. ERR1022276	49	409	putative protein
Ruminococcus sp. strain Z7895TDY5608817	49	409	putative protein
Lachnoclostridium nov. ERR2230109	49	409	putative protein
Dorea sp. AF36-15AT	33	409	putative protein
Dorea sp. AMS8-8	49	258	putative protein
ERR1620300__bin.15	49	409	putative protein
Obregon-TitoAJ_2015__NO11__bin.28	51	410	putative protein
SRR2726136__bin.31	86	403	L-threonine ammonia-lyase
LoombaR_2017__SID5639_uuc__bin.37	87	403	L-threonine ammonia-lyase
Lachnoclostridium nov. ERR1022434	33	413	putative protein
Romboutsia nov. ERR1022465	31	408	putative protein
Clostridium sp. strain Z7895TDY5834951	31	408	putative protein
Romboutsia nov. ERR1022466	31	408	putative protein
Paeniclostridium sordellii AF05-25	43	397	L-threonine dehydratase catabolic TdcB
Clostridium sordellii VPI 9048	43	397	L-threonine dehydratase catabolic TdcB
Peptoclostridium difficile ERR2221219	43	397	L-threonine dehydratase catabolic TdcB
ERR1190714__bin.6	30	410	putative protein
QinJ_2012__CON-102__bin.13	30	410	putative protein
Romboutsia sp. MT17	32	409	putative protein
Romboutsia nov. ERR1022375	42	397	L-threonine dehydratase catabolic TdcB
Intestinibacter bartlettii ERR1022418	28	244	Diaminopropionate ammonia-lyase
Terrisporobacter mayombei ERR2221147	41	402	L-threonine ammonia-lyase
Peptoclostridium difficile ERR2221225	29	395	putative protein
QinN_2014__LD-84__bin.30	32	409	putative protein
Peptoclostridium sp. AF21-18	32	409	putative protein
SRR2912789__bin.15	32	409	putative protein
ERR526064__bin.3	32	409	putative protein
SRR2912788__bin.43	32	409	putative protein
ERR1190593__bin.31	42	402	L-threonine ammonia-lyase
Clostridium hiranonis DSM 13275	32	409	putative protein
FengQ_2015__SID530348__bin.18	42	402	L-threonine ammonia-lyase
ERR1620278__bin.11	28	427	putative protein
Proteocatella sphenisci DSM 23131	45	397	L-threonine ammonia-lyase
GeversD_2014__SKBSTL008__bin.71	30	405	putative protein
SRR6028174__bin.3	30	405	putative protein
ERR1305903__bin.25	41	393	L-threonine ammonia-lyase
ERR1018212__bin.42	40	402	putative protein
CosteaPI_2017__SID713A002-11-0-0__bin.25	37	312	L-threonine dehydratase catabolic TdcB
ERR1305892__bin.4	39	312	L-threonine dehydratase catabolic TdcB
Firmicutes bacterium CAG:103	30	405	putative protein
ERR1297716__bin.14	40	402	putative protein
CosteaPI_2017__SID713B026-11-90-0__bin.59	29	404	putative protein
SRR3737028__bin.26	30	405	putative protein
SchirmerM_2016__G89065__bin.22	41	393	L-threonine ammonia-lyase
SRR5057034__bin.63	40	395	L-threonine ammonia-lyase
CosteaPI_2017__SID713A023-11-0-0__bin.14	41	402	putative protein
ERR1305880__bin.25	38	306	L-threo-3-hydroxyaspartate ammonia-lyase
ERR1190589__bin.37	37	306	L-threo-3-hydroxyaspartate ammonia-lyase
ERR688523__bin.66	40	395	L-threonine ammonia-lyase
SRR5091468__bin.55	41	402	putative protein
XieH_2016__YSZC12003_37181R1__bin.102	35	406	putative protein
Obregon-TitoAJ_2015__SM11__bin.2	38	397	L-threonine ammonia-lyase
SRR1761702__bin.21	38	397	L-threonine ammonia-lyase
KarlssonFH_2013__S54__bin.27	31	402	putative protein
Clostridiales bacterium UBA5888	37	399	L-threonine ammonia-lyase
Clostridiales bacterium UBA4701	40	363	putative protein
Clostridiales bacterium UBA6412	37	399	L-threonine ammonia-lyase
RaymondF_2016__P6CO__bin.19	41	404	putative protein
XieH_2016__YSZC12003_36474__bin.34	31	411	putative protein
CosteaPI_2017__SID713B072-11-0-0__bin.31	39	405	putative protein
Clostridiales bacterium UBA1701	41	393	L-threonine ammonia-lyase
SRR2992893__bin.21	41	393	L-threonine ammonia-lyase
FengQ_2015__SID31866__bin.65	41	393	L-threonine ammonia-lyase
XieH_2016__YSZC12003_35390__bin.5	33	407	putative protein
Lij_2014__MH0358__bin.56	29	403	putative protein
ERR414305__bin.35	29	403	putative protein
Clostridiales bacterium UBA7103	42	393	L-threonine ammonia-lyase
RaymondF_2016__P2E7__bin.68	42	398	L-threonine ammonia-lyase
RaymondF_2016__P21E7__bin.22	38	403	putative protein
FengQ_2015__SID531416__bin.49	41	395	L-threonine ammonia-lyase
SRR2155369__bin.7	36	403	putative protein
VogtmannE_2016__MMRS15137911ST-27-0-0__bin.3	36	403	putative protein
ERR1913015__bin.15	40	396	L-threonine ammonia-lyase
FengQ_2015__SID31866__bin.46	30	406	putative protein
SRR2155387__bin.7	38	406	putative protein
Ruminococcaceae bacterium TF06-43	n.d.	-	-
ERR589534__bin.49	n.d.	-	-
Oscillibacter nov. ERR1022407	47	319	L-threonine ammonia-lyase
Intestinimonas butyriciproducens ERR1022450	62	399	L-threonine ammonia-lyase
Pseudoflavonifractor capillosus ERR1022447	63	399	L-threonine ammonia-lyase
Pseudoflavonifractor sp. AF19-9AC	32	409	putative protein
SRR2912810__bin.38	40	403	putative protein
Ruminococcaceae bacterium AM07-15	33	412	putative protein
Ruminococcaceae bacterium AM28-23LB	n.d.	-	-