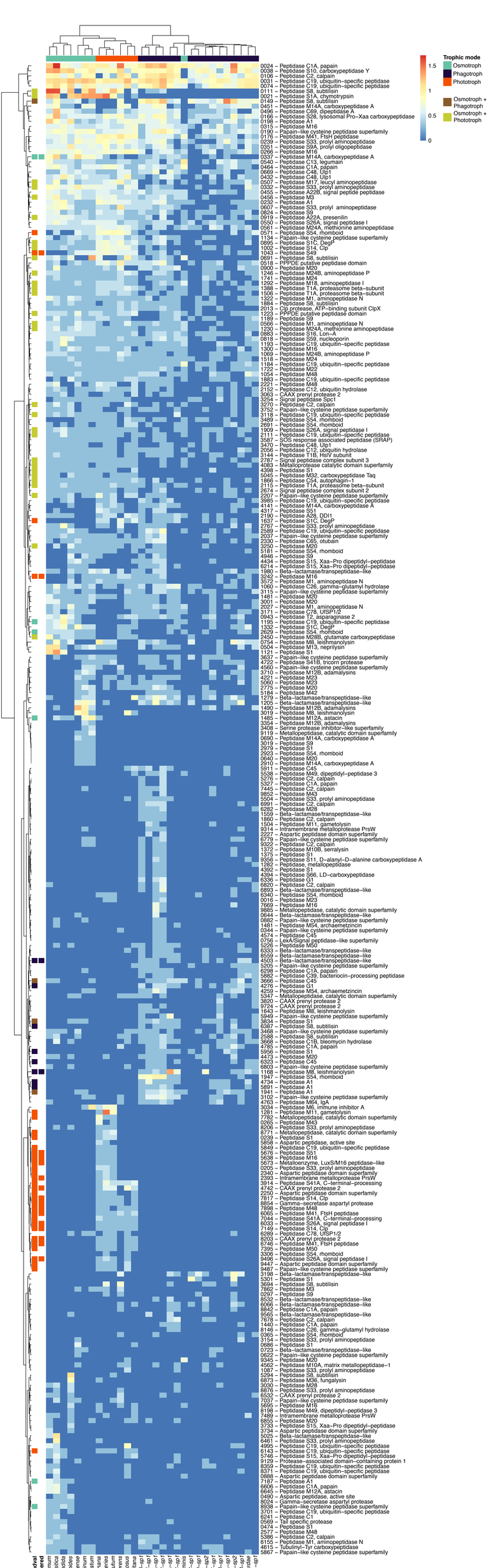
Trophic mode
Osmotroph
Phagotroph
Phototroph
Osmotroph + Phagotroph
Osmotroph + Phototroph
1.5
1
0.5
0
0024 – Peptidase C1A, papain
0038 – Peptidase S10, carboxypeptidase Y
0106 – Peptidase C2, calpain
0031 – Peptidase C19, ubiquitin–specific peptidase
0074 – Peptidase C19, ubiquitin–specific peptidase
0111 – Peptidase S8, subtilisin
0021 – Peptidase S1A, chymotrypsin
0149 – Peptidase S8, subtilisin
0451 – Peptidase M14A, carboxypeptidase A
0496 – Peptidase C69, dipeptidase A
0166 – Peptidase S28, lysosomal Pro–Xaa carboxypeptidase
0198 – Peptidase A1
0315 – Peptidase M16
0190 – Papain–like cysteine peptidase superfamily
0176 – Peptidase M41, FtsH peptidase
0239 – Peptidase S33, prolyl aminopeptidase
0351 – Peptidase S9A, prolyl oligopeptidase
0266 – Peptidase M16
0337 – Peptidase M14A, carboxypeptidase A
0540 – Peptidase C13, legumain
0464 – Peptidase C1A, papain
0669 – Peptidase C48, Ulp1
0432 – Peptidase C48, Ulp1
0507 – Peptidase M17, leucyl aminopeptidase
0332 – Peptidase S33, prolyl aminopeptidase
0455 – Peptidase A22B, signal peptide peptidase
0456 – Peptidase M3
0232 – Peptidase A1
0607 – Peptidase S33, prolyl aminopeptidase
0824 – Peptidase S9
0919 – Peptidase A22A, presenilin
0550 – Peptidase S26A, signal peptidase I
0561 – Peptidase M24A, methionine aminopeptidase
0571 – Peptidase S54, rhomboid
1134 – Papain–like cysteine peptidase superfamily
0895 – Peptidase S1C, DegP
1002 – Peptidase S14, Clp
1043 – Peptidase S49
0691 – Peptidase S8, subtilisin
0518 – PPPDE putative peptidase domain
0900 – Peptidase M20
1246 – Peptidase M24B, aminopeptidase P
1741 – Peptidase M24
1292 – Peptidase M18, aminopeptidase I
1388 – Peptidase T1A, proteasome beta–subunit
1506 – Peptidase T1A, proteasome beta–subunit
1322 – Peptidase M1, aminopeptidase N
1884 – Peptidase S8, subtilisin
2013 – Clp protease, ATP–binding subunit ClpX
1223 – PPPDE putative peptidase domain
1189 – Peptidase S9
0566 – Peptidase M1, aminopeptidase N
1230 – Peptidase M24A, methionine aminopeptidase
0883 – Peptidase S16, Lon–A
0818 – Peptidase S59, nucleoporin
1193 – Peptidase C19, ubiquitin–specific peptidase
1300 – Peptidase M16
1069 – Peptidase M24B, aminopeptidase P
1518 – Peptidase M24
1184 – Peptidase C19, ubiquitin–specific peptidase
1722 – Peptidase M22
1054 – Peptidase M48
1883 – Peptidase C19, ubiquitin–specific peptidase
2221 – Peptidase M48
2152 – Peptidase C12, ubiquitin hydrolase
3063 – CAAX prenyl protease 2
3254 – Signal peptidase Spc1
3270 – Peptidase C2, calpain
3752 – Papain–like cysteine peptidase superfamily
3118 – Peptidase C19, ubiquitin–specific peptidase
3489 – Peptidase S54, rhomboid
2691 – Peptidase S54, rhomboid
1909 – Peptidase S26A, signal peptidase I
2111 – Peptidase C19, ubiquitin–specific peptidase
3587 – SOS response associated peptidase (SRAP)
3470 – Peptidase C48, Ulp1
2056 – Peptidase C12, ubiquitin hydrolase
3144 – Peptidase T1B, HslV subunit
2787 – Signal peptidase complex subunit 3
4083 – Metalloprotease catalytic domain superfamily
4398 – Peptidase S1
5045 – Peptidase M32, carboxypeptidase Taq
1866 – Peptidase C54, autophagin–1
2115 – Peptidase T1A, proteasome beta–subunit
2674 – Signal peptidase complex subunit 2
2207 – Papain–like cysteine peptidase superfamily
3985 – Peptidase C19, ubiquitin–specific peptidase
4141 – Peptidase M14A, carboxypeptidase A
4317 – Peptidase S51
2190 – Peptidase A28, DDI1
1637 – Peptidase S1C, DegP
2767 – Peptidase S33, prolyl aminopeptidase
2589 – Peptidase C19, ubiquitin–specific peptidase
2037 – Papain–like cysteine peptidase superfamily
2330 – Peptidase C65, otubain
3250 – Peptidase M20
5181 – Peptidase S54, rhomboid
4946 – Peptidase S9
4434 – Peptidase S15, Xaa–Pro dipeptidyl–peptidase
6214 – Peptidase S15, Xaa–Pro dipeptidyl–peptidase
1980 – Beta–lactamase/transpeptidase–like
3242 – Peptidase M16
3572 – Peptidase M1, aminopeptidase N
1060 – Peptidase C26, gamma–glutamyl hydrolase
3115 – Papain–like cysteine peptidase superfamily
1481 – Peptidase M20
3001 – Peptidase M20
2027 – Peptidase M1, aminopeptidase N
3171 – Peptidase C78, UfSP1/2
0943 – Peptidase T2, asparaginase 2
1195 – Peptidase C19, ubiquitin–specific peptidase
1332 – Peptidase S1C, DegP
2629 – Peptidase S54, rhomboid
2450 – Peptidase M28B, glutamate carboxypeptidase
0754 – Peptidase M8, leishmanolysin
0504 – Peptidase M13, neprilysin
1121 – Peptidase S1
3637 – Papain–like cysteine peptidase superfamily
4722 – Peptidase S41B, tricorn protease
4560 – Papain–like cysteine peptidase superfamily
3710 – Peptidase M12B, adamalysins
4221 – Peptidase M23
5060 – Peptidase M23
2775 – Peptidase M20
5184 – Peptidase M42
1279 – Beta–lactamase/transpeptidase–like
1205 – Beta–lactamase/transpeptidase–like
1490 – Peptidase M12B, adamalysins
3019 – Peptidase M8, leishmanolysin
1485 – Peptidase M12A, astacin
3354 – Peptidase M12B, adamalysins
3408 – Serine protease inhibitor–like superfamily
9119 – Metalloprotease, catalytic domain superfamily
0690 – Peptidase M14A, carboxypeptidase A
3019 – Peptidase S9
2979 – Peptidase S1
2923 – Peptidase S54, rhomboid
0640 – Peptidase M20
2910 – Peptidase M14A, carboxypeptidase A
5911 – Peptidase C45
5538 – Peptidase M49, dipeptidyl–peptidase 3
5276 – Peptidase C2, calpain
5327 – Peptidase C1A, papain
7445 – Peptidase C2, calpain
9852 – Peptidase M43
5504 – Peptidase S33, prolyl aminopeptidase
6991 – Peptidase C2, calpain
6282 – Peptidase M28
1559 – Beta–lactamase/transpeptidase–like
1860 – Peptidase C2, calpain
1504 – Peptidase M11, gametolysin
9314 – Intramembrane metalloprotease PrsW
2227 – Aspartic peptidase domain superfamily
6779 – Papain–like cysteine peptidase superfamily
9322 – Peptidase C2, calpain
1372 – Peptidase M10B, serralysin
1375 – Peptidase S1
9356 – Peptidase S11, D–alanyl–D–alanine carboxypeptidase A
1282 – Peptidase, metallopeptidase
4392 – Peptidase S1
4394 – Peptidase S66, LD–carboxypeptidase
6336 – Peptidase G1
6820 – Peptidase C2, calpain
6893 – Beta–lactamase/transpeptidase–like
6340 – Peptidase S54, rhomboid
0016 – Peptidase M23
7669 – Peptidase M16
9885 – Metallopeptidase, catalytic domain superfamily
0644 – Beta–lactamase/transpeptidase–like
0882 – Papain–like cysteine peptidase superfamily
1481 – Peptidase M54, archaemetzincin
0344 – Papain–like cysteine peptidase superfamily
4574 – Peptidase C45
0756 – LuxA/Signal peptidase–like superfamily
5226 – Peptidase M50
6333 – Beta–lactamase/transpeptidase–like
8559 – Beta–lactamase/transpeptidase–like
4503 – Beta–lactamase/transpeptidase–like
5205 – Papain–like cysteine peptidase superfamily
6298 – Peptidase C1A, papain
5862 – Peptidase C39, bacterocin–processing peptidase
3666 – Peptidase C45
4276 – Peptidase G1
4259 – Peptidase M54, archaemetzincin
5347 – Metallopeptidase, catalytic domain superfamily
3820 – CAAX prenyl protease 2
9724 – CAAX prenyl protease 2
1643 – Peptidase M8, leishmanolysin
5949 – Papain–like cysteine peptidase superfamily
3834 – Peptidase S1
6387 – Peptidase S8, subtilisin
3468 – Papain–like cysteine peptidase superfamily
2588 – Peptidase S8, subtilisin
3668 – Peptidase C1B, bleomycin hydrolase
4785 – Peptidase C1A, papain
5956 – Peptidase S1
4473 – Peptidase M20
6323 – Peptidase C45
6803 – Papain–like cysteine peptidase superfamily
1168 – Peptidase M8, leishmanolysin
1947 – Peptidase S54, rhomboid
4734 – Peptidase A1
5891 – Peptidase A1
1941 – Peptidase A1
3102 – Papain–like cysteine peptidase superfamily
4763 – Peptidase M64, IgA
3034 – Peptidase M6, immune inhibitor A
1281 – Peptidase M11, gametolysin
7782 – Metallopeptidase, catalytic domain superfamily
0265 – Peptidase M43
8206 – Peptidase S33, prolyl aminopeptidase
8771 – Metallopeptidase, catalytic domain superfamily
0239 – Peptidase S1
5858 – Aspartic peptidase, active site
5849 – Peptidase C19, ubiquitin–specific peptidase
5676 – Peptidase S51
5638 – Peptidase M16
5673 – Metalloenzyme, LuxS/M16 peptidase–like
0205 – Peptidase S33, prolyl aminopeptidase
2340 – Aspartic peptidase domain superfamily
2393 – Intramembrane metalloprotease PrsW
3914 – Peptidase S41A, C–terminal–processing
4742 – CAAX prenyl protease 2
2250 – Aspartic peptidase domain superfamily
7617 – Peptidase S14, Clp
8854 – Gamma–secretase aspartyl protease
7898 – Peptidase M48
6065 – Peptidase M41, FtsH peptidase
7044 – Peptidase S41A, C–terminal–processing
6033 – Peptidase S26A, signal peptidase I
7149 – Peptidase S14, Clp
6289 – Peptidase C78, UfSP1/2
8203 – CAAX prenyl protease 2
6746 – Peptidase M41, FtsH peptidase
7395 – Peptidase M50
3306 – Peptidase S54, rhomboid
9496 – Peptidase S26A, signal peptidase I
9447 – Aspartic peptidase domain superfamily
9487 – Papain–like cysteine peptidase superfamily
3198 – Beta–lactamase/transpeptidase–like
5301 – Peptidase S1
3694 – Peptidase S8, subtilisin
7862 – Peptidase M3
0297 – Peptidase S9
8532 – Beta–lactamase/transpeptidase–like
6066 – Beta–lactamase/transpeptidase–like
8842 – Peptidase C1A, papain
9565 – Beta–lactamase/transpeptidase–like
7678 – Peptidase C2, calpain
1440 – Peptidase C1A, papain
8146 – Peptidase C26, gamma–glutamyl hydrolase
0365 – Peptidase S54, rhomboid
3154 – Peptidase S33, prolyl aminopeptidase
0686 – Peptidase S1
0723 – Beta–lactamase/transpeptidase–like
0622 – Papain–like cysteine peptidase superfamily
9345 – Peptidase M20
4562 – Peptidase M10A, matrix metallopeptidase–1
1087 – Peptidase S33, prolyl aminopeptidase
5294 – Peptidase S8, subtilisin
6873 – Peptidase M36, fungalysin
3030 – Peptidase M28
8876 – Peptidase S33, prolyl aminopeptidase
6532 – CAAX prenyl protease 2
7037 – Papain–like cysteine peptidase superfamily
5695 – Peptidase M16
8198 – Peptidase M49, dipeptidyl–peptidase 3
7489 – Intramembrane metalloprotease PrsW
6855 – Peptidase M20
3733 – Peptidase S15, Xaa–Pro dipeptidyl–peptidase
3734 – Aspartic peptidase domain superfamily
5025 – Beta–lactamase/transpeptidase–like
6461 – Peptidase S33, prolyl aminopeptidase
4995 – Peptidase C19, ubiquitin–specific peptidase
6143 – Peptidase C19, ubiquitin–specific peptidase
5746 – Peptidase S15, Xaa–Pro dipeptidyl–peptidase
9129 – Protease–associated domain–containing protein 1
8359 – Peptidase C19, ubiquitin–specific peptidase
8371 – Peptidase C19, ubiquitin–specific peptidase
0888 – Aspartic peptidase domain superfamily
7187 – Peptidase A1
6606 – Peptidase C1A, papain
6645 – Peptidase M12A, astacin
0490 – Aspartic peptidase, active site
8024 – Gamma–secretase aspartyl protease
8938 – Papain–like cysteine peptidase superfamily
3701 – Peptidase C19, ubiquitin–specific peptidase
6241 – Peptidase C1
0569 – Tail specific protease
0474 – Peptidase S1
2577 – Peptidase M48
5388 – Peptidase C2, calpain
6155 – Peptidase M1, aminopeptidase N
4615 – Tubulinyl–Tyr carboxypeptidase
5867 – Papain–like cysteine peptidase superfamily
Indval
Indval filtered
Pythium ultimum
Saprolegnia parasitica
Albugo candida
Hyphochytrium catenoides
Aplanochytrium kerguelense
Aurantiochytrium limacinum
Schizochytrium aggregatum
Thraustochytrium pseudonana
Phytophthora infestans
Phaeodactylum tricornutum
Aureococcus anophagefferens
Ectocarpus siliculosus
Nannochloropsis gaditana
MAST-1A-spl
MAST-1E-spl
MAST-4E-spl
MAST-4A-spl
MAST-4C-spl
MAST-3A-spl
MAST-3C-spl
Blastocystis hominis
MAST-1C-spl
MAST-1D-spl
MAST-3C-spp2
MAST-3C-spp1
MAST-7B-spl
MAST-9A-spl
MAST-1D-spp2
MAST-4B-spl
Colesterium ovatum
MAST-11-spl