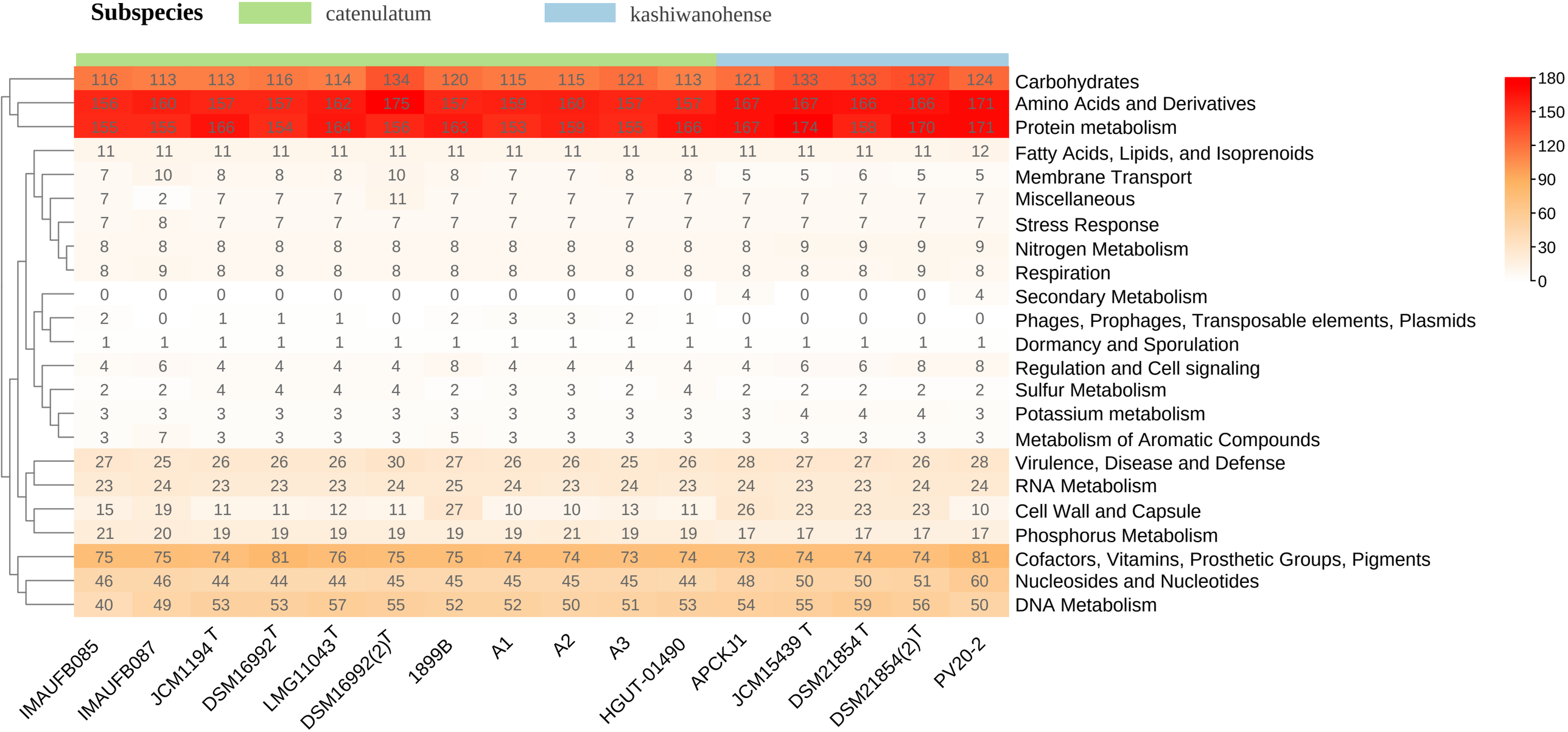
Subspecies
catenulatum
kashiwanohense
Carbohydrates 116 113 113 116 114 134 120 115 115 121 113 121 133 133 137 124
Amino Acids and Derivatives 156 160 157 157 162 175 157 159 160 157 157 167 167 166 166 171
Protein metabolism 155 155 166 154 164 156 163 153 159 155 166 167 174 158 170 171
Fatty Acids, Lipids, and Isoprenoids 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 12
Membrane Transport 7 10 8 8 8 10 8 7 7 8 8 5 5 6 5 5
Miscellaneous 7 2 7 7 7 11 7 7 7 7 7 7 7 7 7 7
Stress Response 7 8 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Nitrogen Metabolism 8 8 8 8 8 8 8 8 8 8 8 8 9 9 9 9
Respiration 8 9 8 8 8 8 8 8 8 8 8 8 8 8 9 8
Secondary Metabolism 0 0 0 0 0 0 0 0 0 0 0 4 0 0 0 4
Phages, Prophages, Transposable elements, Plasmids 2 0 1 1 1 0 2 3 3 2 1 0 0 0 0 0
Dormancy and Sporulation 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Regulation and Cell signaling 4 6 4 4 4 4 8 4 4 4 4 4 6 6 8 8
Sulfur Metabolism 2 2 4 4 4 4 2 3 3 2 4 2 2 2 2 2
Potassium metabolism 3 3 3 3 3 3 3 3 3 3 3 3 4 4 4 3
Metabolism of Aromatic Compounds 3 7 3 3 3 3 5 3 3 3 3 3 3 3 3 3
Virulence, Disease and Defense 27 25 26 26 26 30 27 26 26 25 26 28 27 27 26 28
RNA Metabolism 23 24 23 23 23 24 25 24 23 24 23 24 23 23 24 24
Cell Wall and Capsule 15 19 11 11 12 11 27 10 10 13 11 26 23 23 23 10
Phosphorus Metabolism 21 20 19 19 19 19 19 19 21 19 19 17 17 17 17 17
Cofactors, Vitamins, Prosthetic Groups, Pigments 75 75 74 81 76 75 75 74 74 73 74 73 74 74 74 81
Nucleosides and Nucleotides 46 46 44 44 44 45 45 45 45 45 44 48 50 50 51 60
DNA Metabolism 40 49 53 53 57 55 52 52 50 51 53 54 55 59 56 50
IMAUFB085
IMAUFB087
JCM1194 T
DSM16992 T
LMG11043 T
DSM16992(2)T
1899B
A1
A2
A3
HGUT-01490
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JCM15439 T
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DSM21854(2)T
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