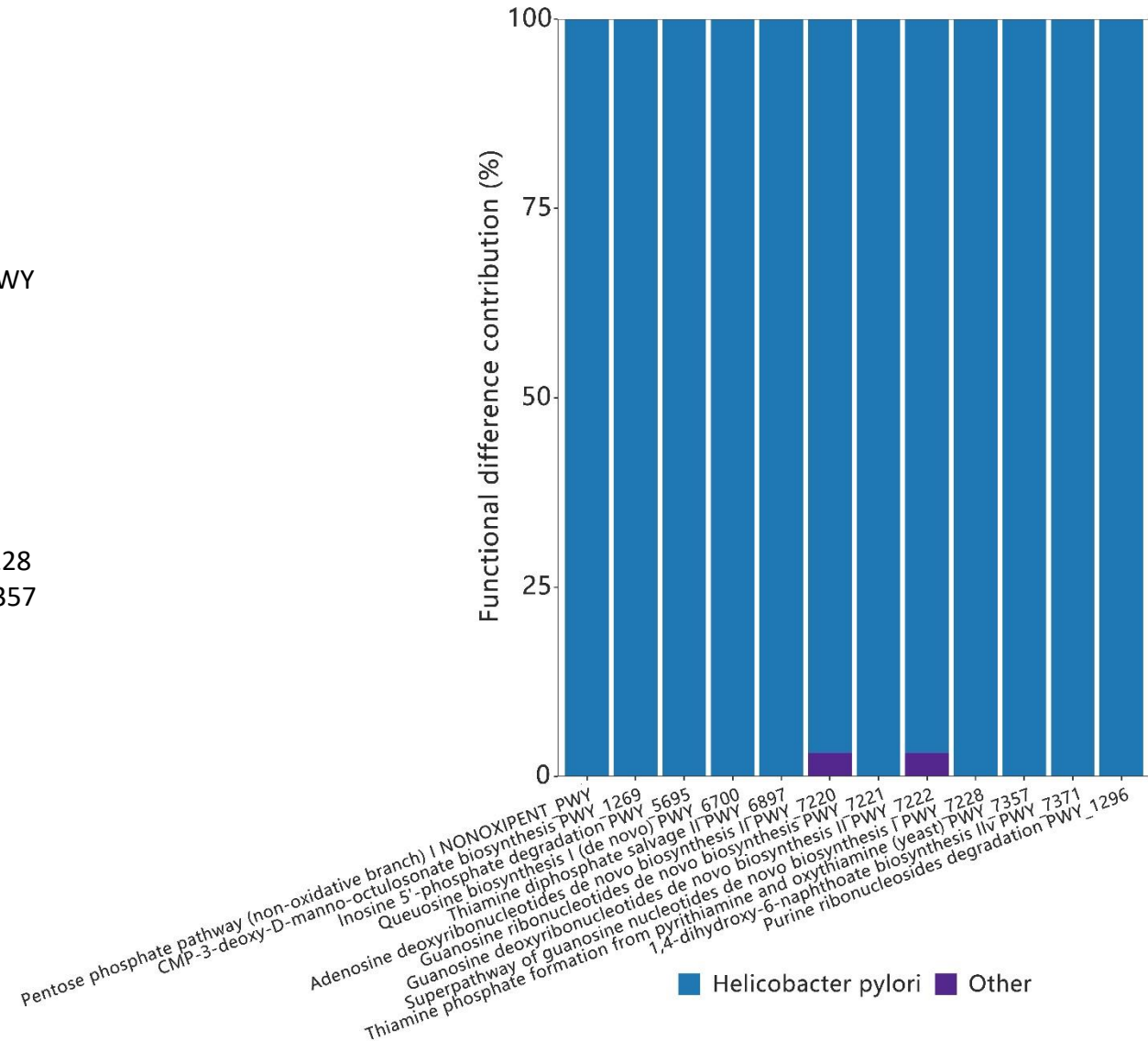


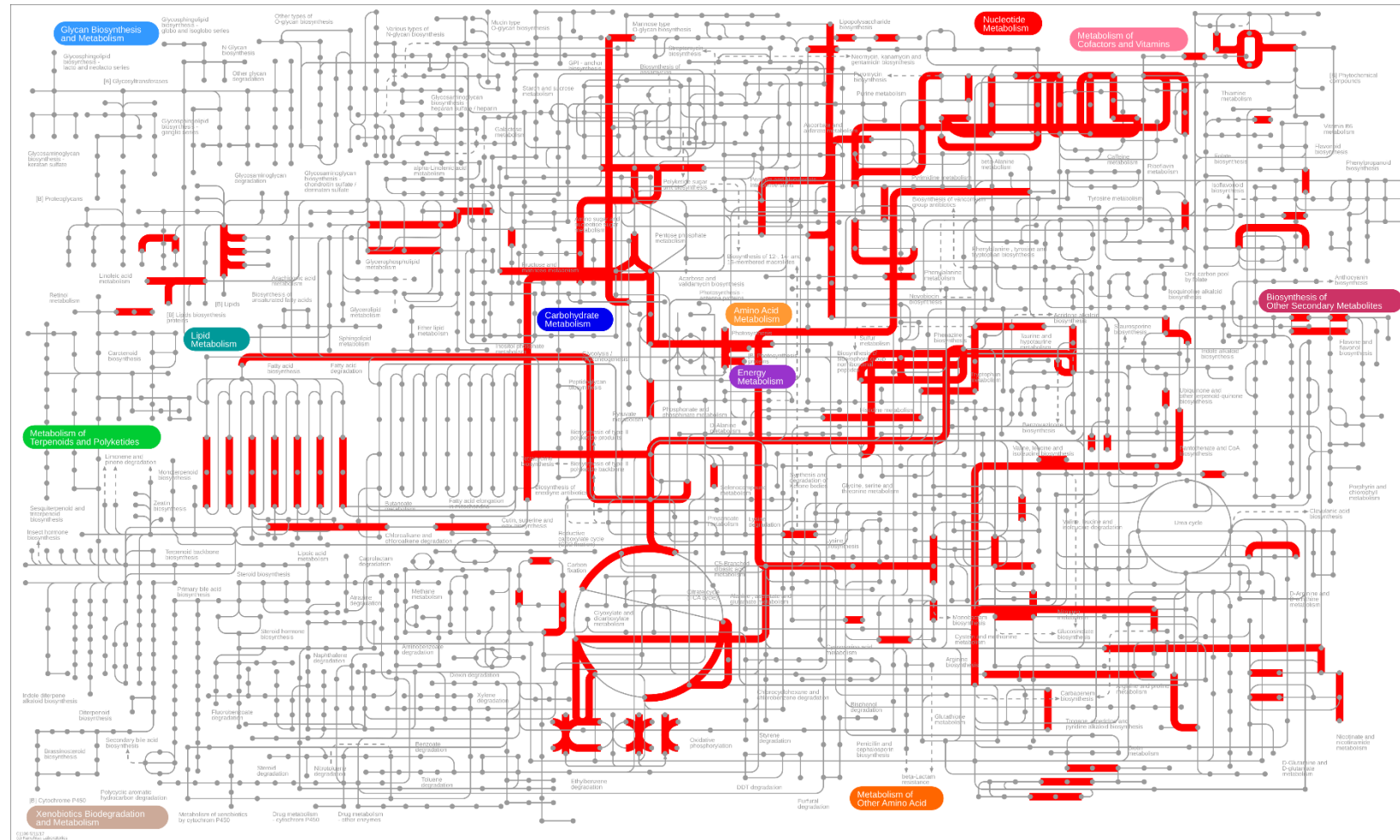
Supplementary Figure 1

Text

- Pentose phosphate pathway (non-oxidative branch) I NONOXIPENT_PWY
- CMP-3-deoxy-D-manno-octulosonate biosynthesis PWY-1269
- Inosine 5'-phosphate degradation PWY-5695
- Queuosine biosynthesis I (de novo) PWY-6700
- Thiamine diphosphate salvage II PWY-6897
- Adenosine deoxyribonucleotides de novo biosynthesis II PWY-7220
- Guanosine ribonucleotides de novo biosynthesis PWY-7221
- Guanosine deoxyribonucleotides de novo biosynthesis II PWY-7222
- Superpathway of guanosine nucleotides de novo biosynthesis PWY-7228
- Thiamine phosphate formation from pyrithiamine and oxythia PWY-7357
- 1,4-dihydroxy-6-naphthoate biosynthesis II PWY-7371
- Purine ribonucleosides degradation PWY0-1296



Supplementary Figure 2



Supplementary Figure 3

