Supplementary Table S6:

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| --- |
| **Residues excluded from comparative modelling of the PYKs** |
| **Organism** | **N-terminus** | **Loop** | **C-terminus** | **Extra C-terminal domain** |
| *Lactococcus lactis* | - | G12 – K40 | K502 | - |
| *Streptococcus mutans* | - | G12 – A40 | - | - |
| *Streptococcus pyogenes* | - | G12 – K40 | K500 | - |
| *Enterococcus faecalis* | M1 | - | - | G473 – I585 |
| *Lactobacillus plantarum* | M1 | - | - | G474 – L586 |