

Table S3. UHPLC elution program for the substrate preference and whole-cell catalysis experiments

| Time (min) | Flow (mL/min) | Aqueous phase (Water containing 0.1% formic acid) | Organic phase (Acetonitrile) |
|------------|---------------|---|------------------------------|
| 0 | 0.3 | 90 | 10 |
| 1 | 0.3 | 90 | 10 |
| 1.5 | 0.3 | 52 | 48 |
| 5.5 | 0.3 | 47 | 53 |
| 6 | 0.3 | 0 | 100 |
| 7 | 0.3 | 0 | 100 |
| 7.5 | 0.3 | 90 | 10 |
| 8.5 | 0.3 | 90 | 10 |