Input 2 alginate oligosaccharide degradation AG-RG-oligosaccharide xylogluco-oligosaccharide xylo-oligosaccharide oligosaccharide degradation Cellobiose galacturonide maltose nannooligosaccharide 40 Genome Coverage(%) Number of Genome or Genome coverage 20 10 40 Number of Genomes 30 S:cellobiose --> glucose W:maltose -> D-glucose AF:xylo-oligosaccharide -> xylose . N+M AE+AF M:arabinogalactan --> AG-oligosaccharide . 0+W Q:alginate oligosaccharide -> alginate monosaccharide R+S . ∩± ⊥ . \\+\ . ≻+× Z+AB AC+AD N:AG-oligosaccharide -> D-galactose O:AG-oligosaccharide -> L-arabinopyranose P:alginate -> alginate oligosaccharide P+Q R:cellulose chain -> cellobiose T:pectin -> galacturonide U:galacturonide --> galacturonate V:pullulan/starch -> maltose X:mannan -> mannooligosaccharide Y:mannooligosaccharide -> D-mannose Z:rhamnogalacturan -> RG-oligosaccharide AC:xyloglucan -> xylogluco-oligosaccharide AD:xylogluco-oligosaccharide -> xylose+glucose AE:xylan -> xylo-oligosaccharide AB:RG-oligosaccharide -> RG

Reaction identifier