

D-glucose

D-galactose

Glucose-6-phosphate

Uridine diphosphate
glucose

Uridine diphosphate
glucuronic acid

D-glucuronic acid

D-glucoronolactone

pentose
phosphate
pathway

L-gulono- γ -lactone

L-gulonolactone
oxidase

2-keto-gulono- γ -lactone

L-ascorbic acid