CORRECTION

A classification of nucleotide-diphospho-sugar glycosyltransferases based on amino acid sequence similarities

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The authors have informed us that, in the above paper, several polypeptide GalNAc transferases were listed as part of family 2, i.e. a family of inverting enzymes. However, these enzymes transfer GalNAc from UDP-GalNAc to Ser or Thr residues forming an α linkage. They are therefore retaining enzymes and, on this basis, they should be removed from family 2 and grouped in a new family (family 27) of retaining nucleotide-diphospho-sugar glycosyltransferases. It is important to point out that the sequences of family 27 members display limited similarities with those of enzymes from family 2. It is therefore possible that these two families share some structural similarities. The composition of family 27 is given in the table below.

Description	EC number	Organism	Accession no.
Family 27 (retaining)			
Polypeptide GalNAc transferase	2.4.1.41	Bovine	Q07537
Polypeptide GalNAc transferase T1	2.4.1.41	Human	Q10472
Polypeptide GalNAc transferase T2	2.4.1.41	Human	X85019
Polypeptide GalNAc transferase T3	2.4.1.41	Human	X92689
Polypeptide GalNAc transferase	2.4.1.41	Mouse	U70538
Polypeptide GalNAc transferase	2.4.1.41	Pig	D85389
Polypeptide GalNAc transferase	2.4.1.41	Rat	Q10473