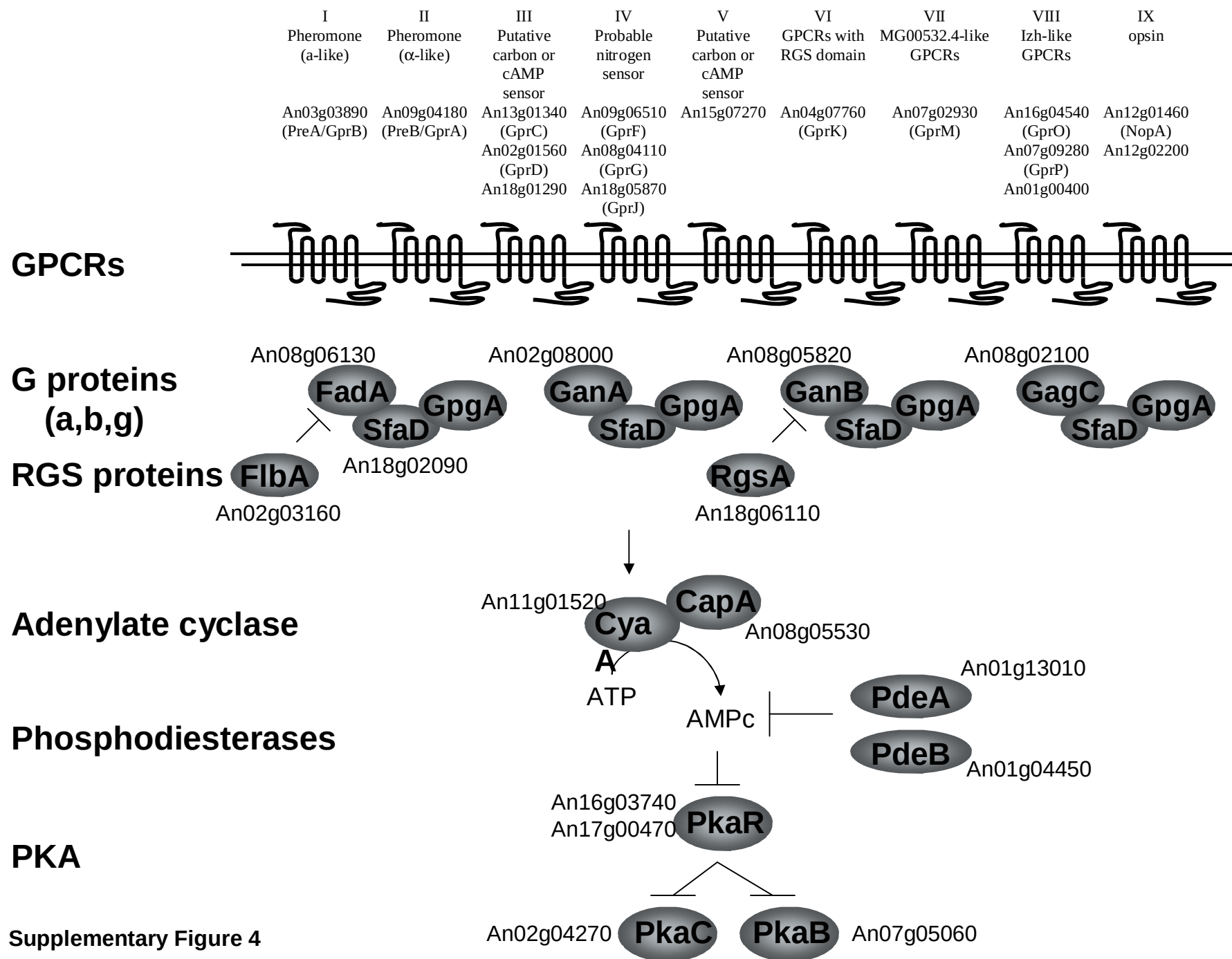




Supplementary Figure 4

**Supplementary Figure 4 G protein and cAMP signaling.** Accession numbers are indicated for all identified components of these signaling pathways. G-protein coupled receptors (GPCRs) are classified according to Lafon *et al.*, 2006. FadA, GanA, GanB, GagC: heterotrimeric G protein alpha subunit. SfaD: heterotrimeric G protein beta subunit. GpgA: heterotrimeric G protein gamma subunit (truncated ORF at 5'end of contig An01c0160). FlbA, RgsA: RGS proteins regulating FadA and GanB, respectively, it is not known whether these proteins may also regulate the GTPase activity of GanA and the *A. niger*-specific GagC heterotrimeric G protein alpha subunits. CyaA: adenylate cyclase. CapA: cyclase associated protein. PdeA: low-affinity phosphodiesterase. PdeB: high affinity phosphodiesterase. PkaR: cAMP-dependent protein kinase regulatory subunit; note that *A. niger* has two genes encoding such regulatory subunits; PkaC, PkaB: cAMP-dependent protein kinase catalytic subunit.