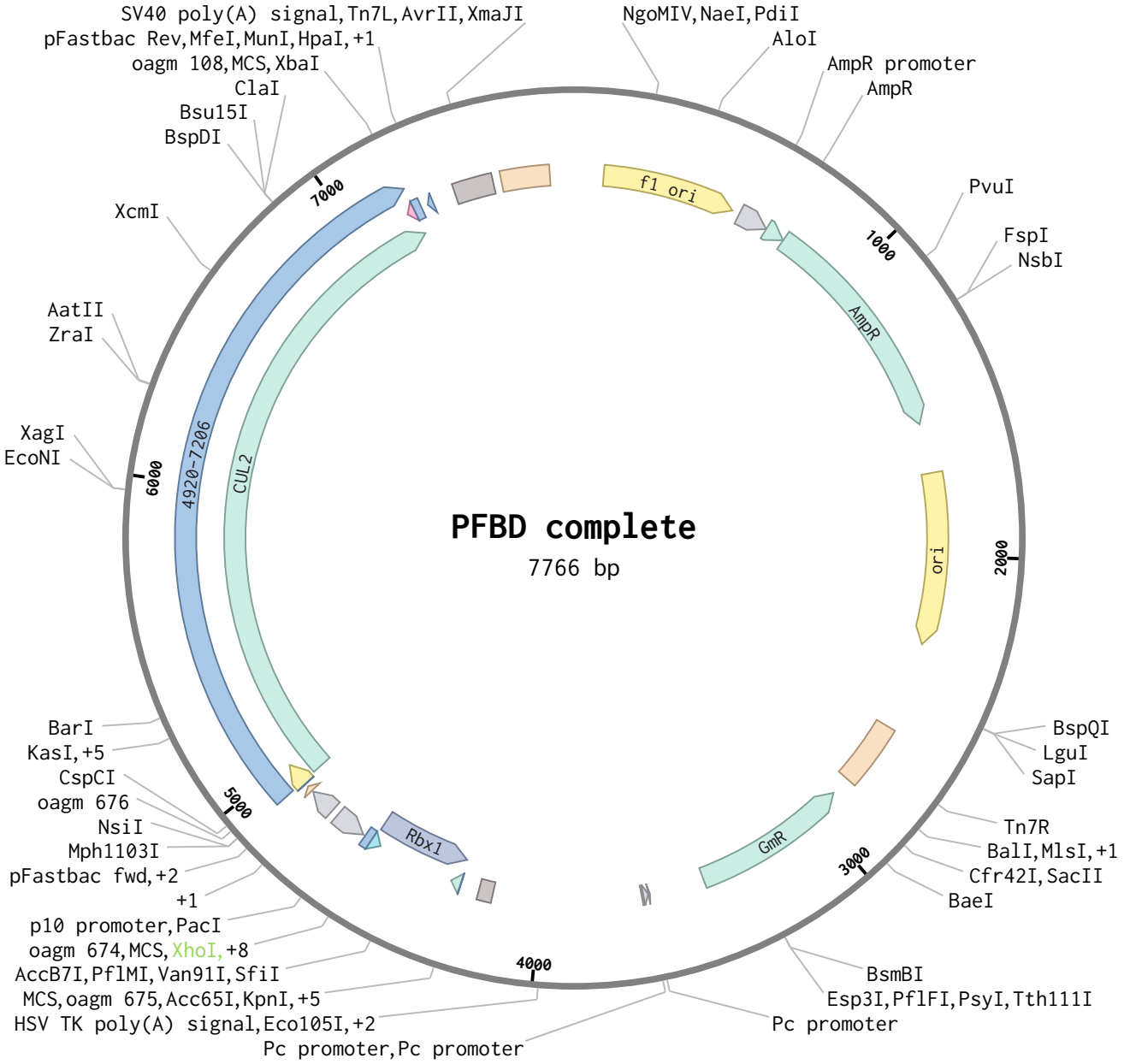PFBD complete (7766 bp)