

AA9 family	OG0000000	<i>PagAA9-2 PagAA9-3 PagAA9-4 ParAA9-1 ParAA9-3 PsAA9-1 PsAA9-2 PsAA9-3 PveAA9-1 PyinAA9-1 PyolAA9-1 PyolAA9-10 PyolAA9-11 PyolAA9-12 PyolAA9-13 PyolAA9-14 PyolAA9-15 PyolAA9-16 PyolAA9-2 PyolAA9-4 PyolAA9-6 PyolAA9-7 PyolAA9-8 PyolAA9-9 PypeAA9-1 PypeAA9-10 PypeAA9-12 PypeAA9-13 PypeAA9-14 PypeAA9-15 PypeAA9-16 PypeAA9-17 PypeAA9-3 PypeAA9-4 PypeAA9-6 PypeAA9-7 PypeAA9-8 PypeAA9-9</i>
	OG0000001	<i>PagAA9-5 ParAA9-2 ParAA9-4 PCAA9-1 PiwAA9-1 PrAA9-1 PrAA9-2 PyolAA9-3 PyolAA9-5 PypeAA9-5</i>
	OG0000002	<i>PagAA9-1 PypeAA9-2</i>
	OG0000003	<i>PypeAA9-11</i>
GH5_14 family	OG0000000	<i>PcGH5_14-3 PcGH5_14-4 PcGH5_14-5 PiGH5_14-8 PiGH5_14-9 PrGH5_14-1 PrGH5_14-3 PrGH5_14-4 PsGH5_14-4 PsGH5_14-5 PsGH5_14-6 PyarGH5_14-11 PyarGH5_14-12 PyarGH5_14-8 PyinGH5_14-2 PyirGH5_14-1 PyirGH5_14-4 PyiwGH5_14-1 PyiwGH5_14-3 PyiwGH5_14-5 PyolGH5_14-1 PyolGH5_14-13 PyolGH5_14-16 PyolGH5_14-2 PyolGH5_14-4 PypeGH5_14-10 PypeGH5_14-12 PypeGH5_14-13 PypeGH5_14-14 PypeGH5_14-15 PypeGH5_14-3 PypeGH5_14-5 PypeGH5_14-9 PyuGH5_14-3 PyuGH5_14-4 PyuGH5_14-5 PyuGH5_14-8 PyuGH5_14-9 PyuVarGH5_14-2 PyuVarGH5_14-3 PyveGH5_14-1 PyveGH5_14-2 PyveGH5_14-3</i>
	OG0000001	<i>PcGH5_14-1 PcGH5_14-2 PrGH5_14-10 PrGH5_14-5 PrGH5_14-6 PrGH5_14-7 PrGH5_14-8 PrGH5_14-9 PsGH5_14-2 PsGH5_14-3 PsGH5_14-7 PsGH5_14-8 PyarGH5_14-1 PyarGH5_14-13 PyarGH5_14-4 PyarGH5_14-5 PyarGH5_14-6 PyarGH5_14-9 PyinGH5_14-3 PyinGH5_14-4 PyinGH5_14-6 PyinGH5_14-8 PyinGH5_14-9 PyirGH5_14-3 PyiwGH5_14-2 PyolGH5_14-10 PyolGH5_14-17 PyolGH5_14-18 PypeGH5_14-4 PypeGH5_14-6 PypeGH5_14-7 PypeGH5_14-8 PyuGH5_14-1 PyuGH5_14-2 PyuVarGH5_14-1 PyuVarGH5_14-4 PyveGH5_14-4 PyveGH5_14-5</i>
	OG0000002	<i>PcGH5_14-6 PiGH5_14-7 PrGH5_14-2 PsGH5_14-1 PyagGH5_14-2 PyarGH5_14-7 PyinGH5_14-1 PyirGH5_14-5 PyiwGH5_14-4 PyolGH5_14-5 PypeGH5_14-1 PyuGH5_14-7 PyveGH5_14-6</i>
	OG0000003	<i>PyagGH5_14-3 PyagGH5_14-4 PyarGH5_14-3 PyinGH5_14-5 PyinGH5_14-7 PyirGH5_14-2 PyolGH5_14-6 PyolGH5_14-7 PyolGH5_14-8 PyolGH5_14-9 PypeGH5_14-2 PyuGH5_14-6</i>
	OG0000004	<i>PyagGH5_14-5 PyolGH5_14-11 PyolGH5_14-12 PyolGH5_14-15</i>
	OG0000005	<i>PyarGH5_14-2 PyiwGH5_14-6</i>
	OG0000006	<i>PyolGH5_14-3 PypeGH5_14-11</i>
GH55 family	OG0000000	<i>PyolGH55_1 PypeGH55_4</i>
	OG0000001	<i>PyolGH55_2 PypeGH55_3</i>
	OG0000002	<i>PyolGH55_5 PypeGH55_5</i>
	OG0000003	<i>PyolGH55_3 PypeGH55_2</i>
	OG0000004	<i>PyolGH55_4 PypeGH55_1</i>
GH71 family	OG0000000	<i>PyolGH71-1 PypeGH71-1</i>
	OG0000001	<i>PyolGH71-2 PypeGH71-2</i>

	OG0000002	<i>PyolGH71-3 PypeGH71-3</i>
GH19 family	OG0000000	<i>PagGH19-1 PcGH19-1 PcGH19-2 PiGH19-1 PiGH19-2 PrGH19-1 PveGH19-1 PveGH19-2 PveGH19-3 PveGH19-4 PyinGH19-2 PyinGH19-3 PyolGH19-12 PyolGH19-13 PyolGH19-3 PyolGH19-4 PyolGH19-5 PyolGH19-6 PyolGH19-7 PyolGH19-8 PypeGH19-5 PypeGH19-6</i>
	OG0000001	<i>PyinGH19-1 PyolGH19-11 PypeGH19-3</i>
	OG0000002	<i>PsGH19-1 PsGH19-2</i>
	OG0000003	<i>PyolGH19-1 PypeGH19-1</i>
	OG0000004	<i>PyolGH19-2 PypeGH19-2</i>
	OG0000005	<i>PyolGH19-9 PypeGH19-4</i>
	OG0000006	<i>PyolGH19-10</i>
GH46 family	OG0000000	<i>PyolGH46_1 PypeGH46_1</i>
	OG0000001	<i>PyolGH46_2 PypeGH46_2</i>
	OG0000002	<i>PyolGH46_3 PypeGH46_3</i>
GH76 family	OG0000000	<i>PyolGH76-3 PypeGH76-4</i>
	OG0000001	<i>PyolGH76-1 PypeGH76-2</i>
	OG0000002	<i>PyolGH76-2 PypeGH76-3</i>
	OG0000004	<i>PyolGH76-4</i>
	OG0000005	<i>PypeGH76-1</i>
GH43_26 family	OG0000000	<i>PyolGH43_26-1 PypeGH43_26-2 PypeGH43_26-4 PypeGH43_26-7 PypeGH43_26-8</i>
	OG0000001	<i>PypeGH43_26-1</i>
	OG0000002	<i>PypeGH43_26-3</i>
	OG0000003	<i>PypeGH43_26-5</i>
	OG0000004	<i>PypeGH43_26-6</i>
CBEL family	OG0000000	<i>PagCBEL-2 PiCBEL-1 PirCBEL-1 PirCBEL-2 PirCBEL-4 PiwCBEL-1 PiwCBEL-2 PiwCBEL-9 PrCBEL-1 PrCBEL-11 PrCBEL-12 PrCBEL-13 PrCBEL-2 PsCBEL-1 PsCBEL-2 PyinCBEL-1 PyolCBEL-2 PyolCBEL-4 PyolCBEL-5 PypeCBEL-2 PypeCBEL-3 PypeCBEL-4 PyuCBEL-5</i>
	OG0000001	<i>PcCBEL-2 PcCBEL-5 PiCBEL-4 PirCBEL-3 PiwCBEL-3 PiwCBEL-7 PrCBEL-14 PrCBEL-4 PsCBEL-3 PsCBEL-4 PsCBEL-5 PsCBEL-7 PugCBEL-2 PyuCBEL-1 PyuCBEL-2</i>
	OG0000002	<i>PagCBEL-1 PiCBEL-2 PiwCBEL-6 PiwCBEL-8 PrCBEL-7 PsCBEL-9 PveCBEL-2 PyolCBEL-1 PyolCBEL-3 PypeCBEL-1 PypeCBEL-5 PyuCBEL-6</i>
	OG0000003	<i>PrCBEL-10 PrCBEL-8 PrCBEL-9 PugCBEL-1 PyolCBEL-6 PypeCBEL-6 PyuCBEL-3 PyuCBEL-4</i>
	OG0000004	<i>PagCBEL-3 PiCBEL-3 PiwCBEL-4 PiwCBEL-5 PrCBEL-3 PsCBEL-10</i>
	OG0000005	<i>ParCBEL-1 PcCBEL-1 PcCBEL-3 PveCBEL-1 PagCBEL-4</i>
	OG0000006	<i>PcCBEL-4 PrCBEL-5 PrCBEL-6 PsCBEL-6 PveCBEL-3</i>
	OG0000007	<i>PcCBEL-6 PirCBEL-5 PsCBEL-8</i>
CesA family	OG0000000	<i>AaCesA-2.1 AaCesA-2.2 HpCesA-1 HpCesA-2 PcCesA-1 PcCesA-2 PiCesA-1 PiCesA-2 PrCesA-1 PrCesA-2 PsCesA-1 PsCesA-2 PyagCesA-1 PyagCesA-2 PyarCesA-1 PyarCesA-2 PygCesA-2 PyinCesA-1 PyinCesA-2 PyirCesA-1 PyirCesA-2 PyiwCesA-1</i>

		<i>PyiwCesA-2 PyolCesA-1 PyolCesA-2 PypeCesA-2 PyuCesA-1 PyuCesA-2 PyuVarCesA-1 PyveCesA-1 SpCesA-2.1 SpCesA-2.2 SpCesA-2.3 PyveCesA-2</i>
	OG0000001	<i>AaCesA-3.1 AaCesA-3.2 HpCesA-3 PcCesA-3 PiCesA-3 PsCesA-3 PyagCesA-3.1 PyagCesA-3.2 PyarCesA-3 PygCesA-3 PyinCesA-3.1 PyinCesA-3.2 PyirCesA-3 PyiwCesA-3 PyolCesA-3.1 PyolCesA-3.2 PypeCesA-3 PyuCesA-3 PyuVarCesA-3 PyveCesA-3 SpCesA-3.1 SpCesA-3.2</i>
	OG0000002	<i>AaCesA-4 PcCesA-4 PiCesA-4 PrCesA-4 PsCesA-4 PyagCesA-4 PyarCesA-4 PygCesA-4 PyinCesA-4 PyirCesA-4 PyiwCesA-4 PyolCesA-4 PypeCesA-4 PyuCesA-4 PyuVarCesA-4 PyveCesA-4 SpCesA-4</i>