

<i>Plasmid</i>	<i>Part Description</i>	<i>Seq Source</i>	<i>Backbone</i>	<i>Addgene Cat# (addgene.org)</i>	<i>ICE ID (cidar-ice.org)</i>	<i>Benchling (benchling.com)</i>
J23100_AB	Basic Part - Promoter (Constitutive)	parts.igem.org/Part:Bba_J23100	DVA	65980	CIDAR_490	https://benchling.com/s/gS6IXC3X/edit
J23100_EB	Basic Part - Promoter (Constitutive)	parts.igem.org/Part:Bba_J23100	DVA	65981	CIDAR_491	https://benchling.com/s/aq8Gxp2O/edit
J23100_FB	Basic Part - Promoter (Constitutive)	parts.igem.org/Part:Bba_J23100	DVA	65982	CIDAR_492	https://benchling.com/s/rTzq9ToN/edit
J23100_GB	Basic Part - Promoter (Constitutive)	parts.igem.org/Part:Bba_J23100	DVA	65983	CIDAR_493	https://benchling.com/s/5yn5Zy6g/edit
J23102_AB	Basic Part - Promoter (Constitutive)	parts.igem.org/Part:Bba_J23102	DVA	65984	CIDAR_494	https://benchling.com/s/aQQLd1xr/edit
J23102_EB	Basic Part - Promoter (Constitutive)	parts.igem.org/Part:Bba_J23102	DVA	65985	CIDAR_495	https://benchling.com/s/zOCQC6dM/edit
J23102_FB	Basic Part - Promoter (Constitutive)	parts.igem.org/Part:Bba_J23102	DVA	65986	CIDAR_496	https://benchling.com/s/1pfiY4NG/edit
J23102_GB	Basic Part - Promoter (Constitutive)	parts.igem.org/Part:Bba_J23102	DVA	65987	CIDAR_497	https://benchling.com/s/LmBWThty/edit
J23103_AB	Basic Part - Promoter (Constitutive)	parts.igem.org/Part:Bba_J23103	DVA	65988	CIDAR_498	https://benchling.com/s/9KEsWqta/edit
J23103_EB	Basic Part - Promoter (Constitutive)	parts.igem.org/Part:Bba_J23103	DVA	65989	CIDAR_499	https://benchling.com/s/ynovZBP9/edit
J23103_FB	Basic Part - Promoter (Constitutive)	parts.igem.org/Part:Bba_J23103	DVA	65990	CIDAR_500	https://benchling.com/s/oZSwbWfi/edit
J23103_GB	Basic Part - Promoter (Constitutive)	parts.igem.org/Part:Bba_J23103	DVA	65991	CIDAR_501	https://benchling.com/s/4qwY09ja/edit
J23106_AB	Basic Part - Promoter (Constitutive)	parts.igem.org/Part:Bba_J23106	DVA	65992	CIDAR_502	https://benchling.com/s/riO8LQFW/edit
J23106_EB	Basic Part - Promoter (Constitutive)	parts.igem.org/Part:Bba_J23106	DVA	65993	CIDAR_503	https://benchling.com/s/ljtaz48p/edit
J23106_FB	Basic Part - Promoter (Constitutive)	parts.igem.org/Part:Bba_J23106	DVA	65994	CIDAR_504	https://benchling.com/s/b8wazW5M/edit
J23106_GB	Basic Part - Promoter (Constitutive)	parts.igem.org/Part:Bba_J23106	DVA	65995	CIDAR_505	https://benchling.com/s/UqDZklx7/edit
J23107_AB	Basic Part - Promoter (Constitutive)	parts.igem.org/Part:Bba_J23107	DVA	65996	CIDAR_506	https://benchling.com/s/G8ouTfIM/edit
J23107_EB	Basic Part - Promoter (Constitutive)	parts.igem.org/Part:Bba_J23107	DVA	65997	CIDAR_507	https://benchling.com/s/SGzIA9IZ/edit
J23107_FB	Basic Part - Promoter (Constitutive)	parts.igem.org/Part:Bba_J23107	DVA	65998	CIDAR_508	https://benchling.com/s/0mSZV0LM/edit
J23107_GB	Basic Part - Promoter (Constitutive)	parts.igem.org/Part:Bba_J23107	DVA	65999	CIDAR_509	https://benchling.com/s/InUihbMF/edit
J23116_AB	Basic Part - Promoter (Constitutive)	parts.igem.org/Part:Bba_J23116	DVA	66000	CIDAR_510	https://benchling.com/s/1mQPZFtM/edit
J23116_EB	Basic Part - Promoter (Constitutive)	parts.igem.org/Part:Bba_J23116	DVA	66001	CIDAR_511	https://benchling.com/s/xqAO8tJI/edit
J23116_FB	Basic Part - Promoter (Constitutive)	parts.igem.org/Part:Bba_J23116	DVA	66002	CIDAR_512	https://benchling.com/s/o8lvrlDj/edit
J23116_GB	Basic Part - Promoter (Constitutive)	parts.igem.org/Part:Bba_J23116	DVA	66003	CIDAR_513	https://benchling.com/s/YYNkGLBV/edit
R0010_AB	Basic Part - Promoter (Controllable)	parts.igem.org/Part:Bba_R0010	DVA	66004	CIDAR_514	https://benchling.com/s/etg7OrN6/edit
R0010_EB	Basic Part - Promoter (Controllable)	parts.igem.org/Part:Bba_R0010	DVA	66005	CIDAR_515	https://benchling.com/s/FamBps3h/edit
R0010_FB	Basic Part - Promoter (Controllable)	parts.igem.org/Part:Bba_R0010	DVA	66006	CIDAR_516	https://benchling.com/s/oi1T00L0/edit
R0010_GB	Basic Part - Promoter (Controllable)	parts.igem.org/Part:Bba_R0010	DVA	66007	CIDAR_517	https://benchling.com/s/Yw6bgPjg/edit
R0040_AB	Basic Part - Promoter (Controllable)	parts.igem.org/Part:Bba_R0040	DVA	66008	CIDAR_518	https://benchling.com/s/3RYAjD6u/edit
R0040_EB	Basic Part - Promoter (Controllable)	parts.igem.org/Part:Bba_R0040	DVA	66009	CIDAR_519	https://benchling.com/s/SNZHRImR/edit
R0040_FB	Basic Part - Promoter (Controllable)	parts.igem.org/Part:Bba_R0040	DVA	66010	CIDAR_520	https://benchling.com/s/nyzVqekN/edit
R0040_GB	Basic Part - Promoter (Controllable)	parts.igem.org/Part:Bba_R0040	DVA	66011	CIDAR_521	https://benchling.com/s/473M59P8/edit
R0063_AB	Basic Part - Promoter (Controllable)	parts.igem.org/Part:Bba_R0063	DVA	66012	CIDAR_522	https://benchling.com/s/EUFuZKHP/edit

<i>R0063_EB</i>	Basic Part - Promoter (Controllable)	parts.igem.org/Part:Bba_R0063	DVA	66013	CIDAR_523	https://benchling.com/s/PN1VmcWg/edit
<i>R0063_FB</i>	Basic Part - Promoter (Controllable)	parts.igem.org/Part:Bba_R0063	DVA	66014	CIDAR_524	https://benchling.com/s/xnA98Y5U/edit
<i>R0063_GB</i>	Basic Part - Promoter (Controllable)	parts.igem.org/Part:Bba_R0063	DVA	66015	CIDAR_525	https://benchling.com/s/jJQHwAaD/edit
<i>I13453_AB</i>	Basic Part - Promoter (Controllable)	parts.igem.org/Part:Bba_I13453	DVA	66016	CIDAR_526	https://benchling.com/s/HE4joK6k/edit
<i>I13453_EB</i>	Basic Part - Promoter (Controllable)	parts.igem.org/Part:Bba_I13453	DVA	66017	CIDAR_527	https://benchling.com/s/YC8NeyAe/edit
<i>I13453_FB</i>	Basic Part - Promoter (Controllable)	parts.igem.org/Part:Bba_I13453	DVA	66018	CIDAR_528	https://benchling.com/s/c4zFwYww/edit
<i>I13453_GB</i>	Basic Part - Promoter (Controllable)	parts.igem.org/Part:Bba_I13453	DVA	66019	CIDAR_529	https://benchling.com/s/i9YCgIRi/edit
<i>B0032m_BC</i>	Basic Part - RBS (RBS)	parts.igem.org/Part:Bba_B0032	DVA	66020	CIDAR_530	https://benchling.com/s/jwIsLDg9/edit
<i>B0033m_BC</i>	Basic Part - RBS (RBS)	parts.igem.org/Part:Bba_B0033	DVA	66021	CIDAR_531	https://benchling.com/s/FQFaG78R/edit
<i>B0034m_BC</i>	Basic Part - RBS (RBS)	parts.igem.org/Part:Bba_B0034	DVA	66022	CIDAR_532	https://benchling.com/s/kBNYDAHo/edit
<i>BCD12_BC</i>	Basic Part - RBS (BiCistronic Design (BCD))	www.biofab.org	DVA	66023	CIDAR_533	https://benchling.com/s/mUcZUqJo/edit
<i>BCD2_BC</i>	Basic Part - RBS (BiCistronic Design (BCD))	www.biofab.org	DVA	66024	CIDAR_534	https://benchling.com/s/jM8sZdRg/edit
<i>BCD8_BC</i>	Basic Part - RBS (BiCistronic Design (BCD))	www.biofab.org	DVA	66025	CIDAR_535	https://benchling.com/s/8Uhd5Vaf/edit
<i>C0012m_CD</i>	Basic Part - CDS (Transcription factor)	parts.igem.org/Part:Bba_C0012	DVA	66026	CIDAR_536	https://benchling.com/s/1RopAYal/edit
<i>C0040_CD</i>	Basic Part - CDS (Transcription factor)	parts.igem.org/Part:Bba_C0040	DVA	66027	CIDAR_537	https://benchling.com/s/M9uZpTOg/edit
<i>C0062_CD</i>	Basic Part - CDS (Transcription factor)	parts.igem.org/Part:Bba_C0062	DVA	66028	CIDAR_538	https://benchling.com/s/FFyxWiwT/edit
<i>C0080_CD</i>	Basic Part - CDS (Transcription factor)	parts.igem.org/Part:Bba_C0080	DVA	66029	CIDAR_539	https://benchling.com/s/FFyxWiwT/edit
<i>cre_CD</i>	Basic Part - CDS (Recombinase)	Gift from Dr. Josh Gilmore	DVA	66030	CIDAR_540	https://benchling.com/s/CAXPcaMy/edit
<i>E0030_CD</i>	Basic Part - CDS (Fluorescent reporter - YFP)	parts.igem.org/Part:Bba_E0030	DVA	66031	CIDAR_541	https://benchling.com/s/cr12BVOE/edit
<i>E0040m_CD</i>	Basic Part - CDS (Fluorescent reporter - GFP)	parts.igem.org/Part:Bba_E0040	DVA	66032	CIDAR_542	https://benchling.com/s/cj91KrVH/edit
<i>E1010m_CD</i>	Basic Part - CDS (Fluorescent reporter - RFP)	parts.igem.org/Part:Bba_E1010	DVA	66033	CIDAR_543	https://benchling.com/s/1AbCv00F/edit
<i>eBFP2_CD</i>	Basic Part - CDS (Fluorescent reporter - BFP)	Addgene - #14891	DVA	66034	CIDAR_544	https://benchling.com/s/bbkctFdr/edit
<i>B0015_DE</i>	Basic Part - Terminator (Double Terminator)	parts.igem.org/Part:Bba_B0015	DVA	66035	CIDAR_545	https://benchling.com/s/a1cHND33/edit
<i>B0015_DF</i>	Basic Part - Terminator (Double Terminator)	parts.igem.org/Part:Bba_B0015	DVA	66036	CIDAR_546	https://benchling.com/s/f6RaEG2K/edit
<i>B0015_DG</i>	Basic Part - Terminator (Double Terminator)	parts.igem.org/Part:Bba_B0015	DVA	66037	CIDAR_547	https://benchling.com/s/5pFYTKSF/edit
<i>B0015_DH</i>	Basic Part - Terminator (Double Terminator)	parts.igem.org/Part:Bba_B0015	DVA	66038	CIDAR_548	https://benchling.com/s/8st8vLIQ/edit
<i>DVA_AB</i>	Destination Vector (For Basic Parts and Devices Ampicillin)	parts.igem.org/Part:pSB1A2	DVA	66039	CIDAR_549	https://benchling.com/s/slHkWK6p/edit
<i>DVA_AE</i>	Destination Vector (For Basic Parts and Devices Ampicillin)	parts.igem.org/Part:pSB1A2	DVA	66040	CIDAR_550	https://benchling.com/s/JbqtviMA/edit
<i>DVA_AF</i>	Destination Vector (For Basic Parts and Devices Ampicillin)	parts.igem.org/Part:pSB1A2	DVA	66041	CIDAR_551	https://benchling.com/s/NviiNLIp/edit
<i>DVA_AG</i>	Destination Vector (For Basic Parts and Devices Ampicillin)	parts.igem.org/Part:pSB1A2	DVA	66042	CIDAR_552	https://benchling.com/s/pPe92CO5/edit
<i>DVA_AH</i>	Destination Vector (For Basic Parts and Devices Ampicillin)	parts.igem.org/Part:pSB1A2	DVA	66043	CIDAR_553	https://benchling.com/s/iaYDvIV2/edit
<i>DVA_BC</i>	Destination Vector (For Basic Parts and Devices Ampicillin)	parts.igem.org/Part:pSB1A2	DVA	66044	CIDAR_554	https://benchling.com/s/o7TOrROp/edit
<i>DVA_CD</i>	Destination Vector (For Basic Parts and Devices Ampicillin)	parts.igem.org/Part:pSB1A2	DVA	66045	CIDAR_555	https://benchling.com/s/xgdB8Znv/edit
<i>DVA_DE</i>	Destination Vector (For Basic Parts and Devices Ampicillin)	parts.igem.org/Part:pSB1A2	DVA	66046	CIDAR_556	https://benchling.com/s/mtpMynxT/edit
<i>DVA_DF</i>	Destination Vector (For Basic Parts and Devices Ampicillin)	parts.igem.org/Part:pSB1A2	DVA	66047	CIDAR_557	https://benchling.com/s/53Whxb2s/edit

<i>DVA_DG</i>	Destination Vector (For Basic Parts and Devices Ampicillin)	parts.igem.org/Part:pSB1A2	DVA	66048	CIDAR_558	https://benchling.com/s/bJdQOwZP/edit
<i>DVA_DH</i>	Destination Vector (For Basic Parts and Devices Ampicillin)	parts.igem.org/Part:pSB1A2	DVA	66049	CIDAR_559	https://benchling.com/s/sGGQDAg6/edit
<i>DVA_EB</i>	Destination Vector (For Basic Parts and Devices Ampicillin)	parts.igem.org/Part:pSB1A2	DVA	66050	CIDAR_560	https://benchling.com/s/i5JElhUg/edit
<i>DVA_EF</i>	Destination Vector (For Basic Parts and Devices Ampicillin)	parts.igem.org/Part:pSB1A2	DVA	66051	CIDAR_561	https://benchling.com/s/OISBaZCj/edit
<i>DVA_EG</i>	Destination Vector (For Basic Parts and Devices Ampicillin)	parts.igem.org/Part:pSB1A2	DVA	66052	CIDAR_562	https://benchling.com/s/xGeYtbZx/edit
<i>DVA_EH</i>	Destination Vector (For Basic Parts and Devices Ampicillin)	parts.igem.org/Part:pSB1A2	DVA	66053	CIDAR_563	https://benchling.com/s/fnTqha2S/edit
<i>DVA_FB</i>	Destination Vector (For Basic Parts and Devices Ampicillin)	parts.igem.org/Part:pSB1A2	DVA	66054	CIDAR_564	https://benchling.com/s/3CuYwFwU/edit
<i>DVA_GB</i>	Destination Vector (For Basic Parts and Devices Ampicillin)	parts.igem.org/Part:pSB1A2	DVA	66055	CIDAR_565	https://benchling.com/s/UvuVapbV/edit
<i>DVA</i>	Destination Vector (Backbone for new DVs)	--	DVA	66056	CIDAR_566	https://benchling.com/s/6hijqfVT/edit
<i>pJ02B2Gm_AE</i>	Transcriptional Unit (FACS Controls)	--	DVA	66057	CIDAR_567	https://benchling.com/s/mgYDcL4z/edit
<i>pJ02B2Gm_EF</i>	Transcriptional Unit (FACS Controls)	--	DVA	66058	CIDAR_568	https://benchling.com/s/3WQbdlZU/edit
<i>pJ02B2Rm_AE</i>	Transcriptional Unit (FACS Controls)	--	DVA	66059	CIDAR_569	https://benchling.com/s/Kb4AAbox/edit
<i>pJ02B2Rm_EF</i>	Transcriptional Unit (FACS Controls)	--	DVA	66060	CIDAR_570	https://benchling.com/s/FOM8uxtS/edit
<i>pJ02B2Gm:Rm_AF</i>	Device (FACS Controls)	--	DVA	66061	CIDAR_571	https://benchling.com/s/D75ziv6K/edit
<i>pJ02B2Rm:Gm_AF</i>	Device (FACS Controls)	--	DVA	66062	CIDAR_572	https://benchling.com/s/OOkavW1a/edit
<i>pJ02B2Gm_AE</i>	Transcriptional Unit (FACS Controls)	--	DVK	66063	CIDAR_573	https://benchling.com/s/ShVJxDdF/edit
<i>pJ02B2Gm_EF</i>	Transcriptional Unit (FACS Controls)	--	DVK	66064	CIDAR_574	https://benchling.com/s/uUTmf07/edit
<i>pJ02B2Rm_AE</i>	Transcriptional Unit (FACS Controls)	--	DVK	66065	CIDAR_575	https://benchling.com/s/syrZcMB4/edit
<i>pJ02B2Rm_EF</i>	Transcriptional Unit (FACS Controls)	--	DVK	66066	CIDAR_576	https://benchling.com/s/nNICVGuk/edit
<i>DVK_AE</i>	Destination Vector (For Transcriptional Units Kanamycin)	parts.igem.org/Part:pSB1K3	DVK	66067	CIDAR_577	https://benchling.com/s/sueyphOw/edit
<i>DVK_AF</i>	Destination Vector (For Transcriptional Units Kanamycin)	parts.igem.org/Part:pSB1K3	DVK	66068	CIDAR_578	https://benchling.com/s/1i0mX41y/edit
<i>DVK_EF</i>	Destination Vector (For Transcriptional Units Kanamycin)	parts.igem.org/Part:pSB1K3	DVK	66069	CIDAR_579	https://benchling.com/s/7FuJO5tD/edit
<i>DVK_FG</i>	Destination Vector (For Transcriptional Units Kanamycin)	parts.igem.org/Part:pSB1K3	DVK	66070	CIDAR_580	https://benchling.com/s/Cz5hQ9wM/edit
<i>DVK_GH</i>	Destination Vector (For Transcriptional Units Kanamycin)	parts.igem.org/Part:pSB1K3	DVK	66071	CIDAR_581	https://benchling.com/s/MFw9pNDU/edit
<i>DVK</i>	Destination Vector (Backbone for new DVs)	--	DVK	66072	CIDAR_582	https://benchling.com/s/ols42cDR/edit