



Features of GeneArt® Genomic Selection Vector pGCS

7931 nucleotides

5' GATC overhang for cloning (4)*:	1–4
FP (C terminus of <i>Cerianthus</i> sp. DW-2003 <i>OF</i> P gene) (648):	6–653
2A peptide linker (67):	654–720
<i>Homo sapiens</i> CD4 (p55) (1278):	723–2000
TK pA (272):	2018–2289
F1 ori (429):	2325–2753
SV40 early promoter (P _{SV40}) (370):	2758–3127
Neomycin resistance gene (795):	3163–3957
SV40 pA (131):	4133–4263
pUC ori (674):	4646–5319 (c)**
Ampicillin resistance gene (861):	5464–6324 (c)
CMV promoter (P _{CMV}) (675):	6692–7366
V5 epitope (47):	7375–7421
OF (N terminus of <i>Cerianthus</i> sp. DW-2003 <i>OF</i> P gene) (249):	7423–7671
BGH pA (220):	7697–7916
3' TTA overhang for cloning (4):	7928–7931

* Numbers in parentheses denote the size of the genetic element in bp.

** (c): Complementary strand.