

	Control of plasmid preparation: 839.3
Date	2020/09/23
Customer	Institut de la Vision, Mme Muge TEKINSOY
Author	Justine GRISEZ
Reader	Anthony PICARD
Quotation	Amendement 200617 Midix5.jg.ml
Order	4500151891
Batch release	Justine GRISEZ

Plasmid amplification	
Amplification scale-up	Gigapreparation R&D grade Endofree
[ADN] (mg/ml)	1.029
Volume (ml)	0.923
Quantity (mg)	0.949
Ratio 260 / 280 nm	1.93
Batch	200911VB_839.3
Buffer	TE EF
Appearance (visual control)	Clear
RNA (visual control on agarose gel)	Absence
DNA conformation	DNA mainly supercoiled

Final controls	
Sequencing	
Name of the sequencing file	RD-Biotech_839.3 gigaprep sequencing.zip
Comments	The sequence obtained differs from the theoretical sequence.
Enzymatic restriction control (cf: figure 1)	
Couple of enzymes	<i>Kpn</i> I + <i>Not</i> I
Expected profile	252 + 2282 + 4829 bp (<i>Kpn</i> I site in position 7344 on the map is missing)
Obtained profile	269 + 2293 + 6289 bp
Comments	Profile obtained differs from expected profile: the total plasmid size seems to be higher than expected.

Figure 1: 1% agarose gel electrophoresis of the plasmid

