

Acknowledgments

I would like to thank Professor Dr. Ropers for the opportunity to carry out my thesis in his department at the Max Planck Institute for molecular genetics. I am indebted to Professor Dr. Hucho for accepting to be my second referee.

A special thank you goes to Dr. Ulrike Nuber, for all the invested time, the excellent supervision, and the inspiring discussions we had during these three years.

This work would not have been possible without the superb technical assistance by Ralph Schulz and Bettina Lipkowitz as well as their social support during my time in the lab.

Many thanks to Ulf Gurok for very helpful comments on this thesis as well as the fruitful debates and the possibility to share challenging moments.

Thank you also to the other members in the lab, Ines Müller, Falk Hertwig, Georg Wiczorek, Annkatrin Wernstedt, Fikret Erdogan and Rogier Versteeg for the motivating spirit.

I am very grateful for all the patience and comprehension Anne had during the last three years.

Finally, many thanks to my parents. Only their continuous support over all these years enabled me to get this far.