TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

ABBREVIATIONS AND SYMBOLS

bp	base pair
conc.	concentration
DNA	deoxyribonucleic acid
dNTPs	deoxynucleotide triphosphates
DMSO	dimethyl sulfoxide
EDTA	ethylenediamine tetraacetic acid
g/dl	gram per deciliter
Hb Bart's	hemoglobin Bart's
HbCS	hemoglobin Constant Spring
HbE	hemoglobin E
HbH	hemoglobin H

IVS	intervening sequence
kb	kilobase pairs
KCl	potassium chloride
M	molar
$MgCl_2$	magnesium dichloride
ml	milliliter
mM	millimolar
nt	nucleotide
SEA	Southeast Asia
w/v	weight/volume
µl	microliter
µM	micromolar