

CONTENTS

	Page
Acknowledgement	c
Abstract in Thai	d
Abstract in English	f
List of Tables	j
List of Figures	l
List of Abbreviations	n
Chapter 1 Introduction	1
Chapter 2 Literature Review	4
2.1 History of HIV and AIDS	4
2.2 Human Immunodeficiency Virus (HIV)	5
2.2.1 HIV particle	5
2.2.2 HIV genome	6
2.2.3 HIV replication	8
2.3 Genetic diversity of HIV	10
2.3.1 HIV classifications	10
2.3.2 HIV recombinants	12
2.3.3 Mechanisms of genetic diversity	13
2.4 The implication of HIV epidemiology study	16
2.4.1 Transmission and disease progression	16
2.4.2 Diagnosis and monitoring tests	18
2.4.3 Response to therapy in HIV-1 subtype	19
2.4.4 HIV vaccine	20
2.5 Epidemiology of HIV infection and global distribution	20

CONTENTS

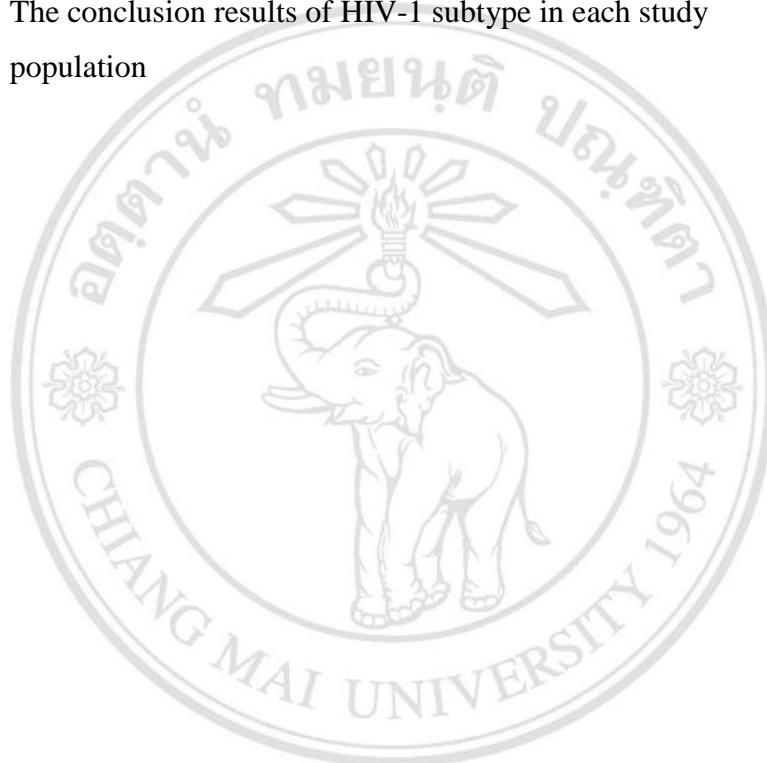
	Page
Chapter 3	Materials and Methods
3.1	Study population
3.1.1	Sample collection and storage
3.1.2	Research design
3.2	Materials and methods
3.2.1	V3 serotyping by subtype-specific enzyme immunoassay (SSEIA)
3.2.2	Determination of HIV-1 <i>gag-pol</i> genotyping
3.2.3	Evaluation of HIV-1 V3 serotype and <i>gag-pol</i> genotyping
3.2.4	HIV-1 <i>env</i> gp120 C2-V3-C3 genotyping
3.2.5	Determination of HIV-1 <i>env</i> gp120 C2-V3-C3 genotyping
3.2.6	Phylogenetic analysis
3.2.7	Statistical analysis
Chapter 4	Results
4.1	The results of HIV-1 V3 serotype
4.2	The results of <i>gag-pol</i> genotype
4.3	The results of evaluation of HIV-1 V3 serotype and <i>gag-pol</i> genotype
4.4	The results of HIV-1 <i>env</i> gp120 C2-V3-C3 genotype
4.5	The results of phylogenetic analysis
Chapter 5	Conclusion and Discussion
References	
Curriculum Vitae	

LIST OF TABLES

	Page
Table 3.1 Number of the first treatment-experienced HIV-1 infected patients who participated in the NAP by NHSO	31
Table 3.2 Number of the second population, treatment-experienced HIV-1 infected patients who participated in the NAPHA EXTENSION program	33
Table 3.3 Sequences of the synthetic peptides that using in HIV-1 SSEIA	36
Table 3.4 The example of locations in the microplate	38
Table 3.5 The example of comparing results of HIV-1 V3 serotype and gag-pol genotype	39
Table 4.1 The results of HIV-1 V3 serotype in each study population that separated by year of sample collection	45
Table 4.2 The results of HIV-1 V3 serotype in the available samples of all study populations	47
Table 4.3 The details of samples that showed indeterminate serotype	47
Table 4.4 The results of HIV-1 <i>gag-pol</i> genotype among the first and second study populations during 2009-2012	49
Table 4.5 The results of HIV-1 <i>gag-pol</i> genotype in the first and second study populations, categorized by year of sample collection	51
Table 4.6 The results of evaluation of HIV-1 V3 serotype and <i>gag-pol</i> genotype in each study population and year of sample collection	54
Table 4.7 The results of evaluation of HIV-1 V3 serotype and <i>gag-pol</i> genotype that classified subtype	55
Table 4.8 The results of <i>gag-pol</i> genotype, V3 serotype and <i>env</i> C2V3C3 genotype in 73 discordant results	56
Table 4.9 The details of patients who infected with HIV-1 subtype C, G and inter-subtype recombinants	59

LIST OF TABLES

	Page
Table 4.10 Subtype characterizations of <i>gag-pol</i> and <i>env</i> C2V3C3 sequences in the patients who infected with HIV-1 subtype C, G and inter-subtype recombinants	67
Table 4.11 The conclusion results of HIV-1 subtype in each study population	74



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LIST OF FIGURES

		Page
Figure 2.1	The structure of a mature HIV-1 particle	6
Figure 2.2	Illustrates the HIV-1 genome	8
Figure 2.3	Demonstrates the HIV-1 life cycle in the host cell.	10
Figure 2.4	Phylogenetic relationships of HIV groups M, N, O, CRFs, and the distance between HIV-1 and HIV-2	12
Figure 2.5	The generation of HIV recombinant	15
Figure 2.6	The percentage of people living with HIV by country in ASIA and the Pacific	22
Figure 2.7	The global distribution and prevalence of HIV-1 subtypes and recombinant forms	24
Figure 3.1	The regions of Thailand were based on the Bureau of policy and strategy, Ministry of Public Health.	30
Figure 3.2	Diagram represents the amplification and sequencing strategies of the ViroSeq HIV-1 genotyping assay version 2.0	32
Figure 3.3	Diagram displays the amplification and sequencing strategies of the TRUGENE® HIV-1 Genotyping Assay.	33
Figure 3.4	The diagram presents the research design of this study.	35
Figure 4.1	The distribution of HIV-1 V3 serotypes in all study populations.	46
Figure 4.2	The distribution of HIV-1 <i>gag-pol</i> genotypes among the first and second study populations during 2009-2012	50
Figure 4.3	The subtype characterizations of <i>gag-pol</i> sequences from HIV-1 inter-subtype recombination	53
Figure 4.4	The three genomes of HIV-1 inter-subtype recombinant with CRF01_AE in <i>gag-pol</i> region and subtype B in <i>env</i> C2V3C3 region	57

LIST OF FIGURES

		Page
Figure 4.5	The four genomes of HIV-1 inter-subtype recombinant with subtype B in <i>gag-pol</i> region and CRF01_AE in <i>env</i> C2V3C3 region	58
Figure 4.6	The genomes of HIV-1 subtype C and C recombinant with subtype CRF01_AE	61
Figure 4.7	The genome of HIV-1 subtype G	62
Figure 4.8	The eight genomes of HIV-1 infected patients who had subtype characterizations of <i>gag-pol</i> sequences as B/CRF01_AE	63
Figure 4.9	The five genomes of HIV-1 infected patients that subtype characterizations of <i>gag-pol</i> sequences show CRF01_AE/B	64
Figure 4.10	The genomes of two samples of HIV-1 infected patients with subtype characterizations of <i>gag-pol</i> sequences show CRF01_AE/B/AE recombination	65
Figure 4.11	The genome of HIV-1 inter-subtype recombination which subtype characterizations of <i>gag-pol</i> sequences show B/CRF01_AE/B and <i>env</i> C2-V3-C3 genotype as CRF01_AE	65
Figure 4.12	The genome of HIV-1 inter-subtype recombination which subtype characterizations of <i>gag-pol</i> sequences show B/C recombination	66
Figure 4.13	Neighbor-joining tree of the HIV-1 <i>pol</i> nucleotide sequences from the inter-subtype recombinants, subtype C, subtype G and indeterminate serotypes by SSEIA .	72
Figure 4.14	Neighbor-joining tree of the HIV-1 <i>env</i> nucleotide sequences from the inter-subtype recombination, subtype C and G.	73

LIST OF ABBREVIATIONS

μg	microgram
μL	microliter
μM	micromolar
AEC	Asean Economic Community
AEM	The Asian Epidemic Model Projections
AFTA	ASEAN Free Trade Area
AIDS	Acquired immune deficiency syndrome
APOBEC	Apolipoprotein B mRNA editing enzyme, catalytic polypeptide
ART	Antiretroviral therapy
ARV	AIDS-associated retrovirus
ARV	Antiretroviral
bp	base pair
C	Constant region
CA	Capsid protein
CCR5	CC-chemokine receptor 5
CD	Cluster of differentiation
CDC	Centers for Disease Control and Prevention
cDNA	Complementary DNA
CRFs	Circulating recombinant forms
CXCR4	CXC-chemokine receptor 4
DNA	Deoxyribonucleic acid
dsDNA	double-stranded DNA
ELISA	Enzyme-linked immunosorbent assay
env	Envelope
FCS	Fetal Calf Serum
FI	Fusion inhibitor
gag	group specific antigens
gp	Glycoprotein

LIST OF ABBREVIATIONS

H ₂ O ₂ -OPD	Hydrogen peroxide-o-phenylenediamine
HIV	Human immunodeficiency virus
HTLV-III	Human T-lymphotropic virus type III
IAs	HIV immunoassays
IDUs	Intravenous drug users
IN	Integrase
INIs	Integrase inhibitors
IR	intersubtype recombinant
kb	kilo base pair
LAV	Lymphadenopathy-associated virus
LTR	Long terminal repeat
M	Major
MA	Matrix protein
mL	Milliliter
mRNA	messenger Ribonucleic acid
MSM	Men who have sex with men
N	New, or non-M, non-O
NAP	National AIDS Program
NC	Nucleocapsid protein
NHSO	National Health Security Office of Thailand
NNRTIs	Non-nucleoside reverse transcriptase inhibitors
NIH	National Institutes of Health
nm	Nanometer
NRTIs	Nucleoside reverse transcriptase inhibitors
O	Outlier
OD	optical density
PBS	Phosphate-buffered saline
PCP	Pneumocystis carinii pneumonia
PCR	Polymerase chain reaction

LIST OF ABBREVIATIONS

PEIA	V3-loop peptide enzyme immunoassay
pg	picogram
PIC	pre-integration complex
PIs	Protease inhibitors
PR	Proteases enzyme
RNA	Ribonucleic acid
RNase H	Ribonuclease H
RRE	rev response element
RT	Reverse transcriptase
SIV	Simian immunodeficiency virus
SSEIA	subtype-specific enzyme immunoassay
ssRNA	single-stranded RNA
SU	Surface glycoprotein
TAE	Tris-acetate-EDTA
TAR	transcriptional activation region
TM	Transmembrane glycoprotein
URF	Unique recombinant form
V	Variable region
WHO	World Health Organization

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