TableName	Attribute (datatype	Constraints
	ClientID (number)	Primary Key
	BDATE (date)	Date
	SEX (varchar2)	Only 'Female', 'Male'
		Check that the data entered
	PNUMBER (varchar2	is domestic US format
INDIVIDUAL	STREET (varchar2)	Max length of 20
		Must be one of the 50
	STATE (varchar2)	abbreviated states
	CITY (varchar2)	Max length of 20
	ZIP (number)	00000 - 99999
		Foreign Key to
	GenomeID (number	GENOME.GenomeID

	TESTDT (date)	Primary Key
TESTDT	Clientin (accepted)	Primary Key and Foreign Key
	ClientID (number)	to INDIVIDUAL.ClientID
	Ethnicity (varchar2)	Primary Key
ETHNICITY		
		Primary Key and Foreign Key
	ClientID (number)	to INDIVIDUAL.ClientID
	Occupation	Primary Key, Max length of
	(varchar2)	20
OCCUPATION		
		Primary Key and Foreign Key
	ClientID (number)	to INDIVIDUAL.ClientID

	GenomeID (number	Primary Key
GENOME		Accuracy up to 9 digits after
	Accuracy (float)	decimal point (1,9)

MarkerID (number)	Primary Key

	Position (number)	< 9,999,999,999
MARKERS	Type (varchar2)	Max length of 20
	GenomeID	Foreign Key to
	(number)	GENOME.GenomeID

	GeneID (number)	Primary Key
		Only in 'Heterozygous',
		'Homozygous'
GENE	Phenotype	
	(varchar2)	Max length of 40
		Foreign Key to
	MarkerID (number)	MARKER.MarkerID

		Primary Key and Foreign Key
	AlterationID	to
CONTAINS	(number)	ALTERATION.AlterationID
		Priamry Key and Foreign Key
	GeneID (number)	to GENE.GeneID

ALTERATION (number)	AlterationID	
ALTERATION	(number)	Primary Key

	EpigeneticID	
	(number)	Primary Key
	Expression	Can be 'Low', 'Medium',
	(varchar2)	'High'
		Can be 'Methylation',
EPIGENTICS		'Ubiquitination ',
		'Phosphorylation',
	Type (varchar2)	'Acetylation'
		Primary Key and the Foreign
	AlterationID	Key to
	(number)	ALTERATION.AlterationID

	Change (varchar2)	Can be 'A', 'G', 'U', 'C'
	Mutationid	
	(number)	Primary Key and Partial Key
		Can be 'Substitution',
	Type (varchar2)	'Insertion', 'Deletion'
MUTATION	Original (varchar2)	Can be 'A', 'G', 'U', 'C'
		Primary Key and the Foreign
	AlterationID	Key to
	(number)	ALTERATION.AlterationID
		Foreign Key to
	CodonID (number)	CODON.CodonID

	CodonID (number)	Primary Key
	Original (varchar2)	Max length of 3
CODON	NewCodon	
CODON	(varchar2)	Max length of 3
	AminoAcid	
	(varchar2)	Max length of 10