

Table S3. Taxonomy of the high school student's academic achievement test

Number	Content	Cognitive Domain						Score
		Remembering	Understanding	Applying	Analyzing	Evaluating	Creating	
1	Structural and chemical properties of DNA		O					10
2	Chargaff's law			O				10
3	Characteristics of DNA polymerase III	O						10
4	Characteristics of DNA polymerase I			O				10
5	Characteristics of RNA polymerase for precise transcription initiation		O					10
6	Post-transcriptional modification of RNA in eukaryotes			O				10
7	Elements necessary for bacterial gene translation process	O						10
8	Characteristics of tRNA for accurate translation		O					10
9	Regulation of the lactose operon according to the presence or absence of lactose						O	10
10	Regulation of the tryptophan operon in the presence or absence of tryptophan				O			10
Total		2	3	3	1	0	1	100