

Supplementary Online Content

Vaarala O, Ilonen J, Ruohtula T, et al. Removal of bovine insulin from cow's milk formula and early initiation of beta-cell autoimmunity in the FINDIA pilot study. *Arch Pediatr Adolesc Med*. Published online March 5, 2012. doi:10.1001/archpediatrics.2011.1559.

eTable 1. List of 42 children with at least one autoantibody by the age of 3 years among the children who provided at least one serum sample during the follow-up in the intervention groups

This supplementary material has been provided by the authors to give readers additional information about their work.

Study formula	Case no	Sex	The study formula was started	Age (mo) when the study formula was started	HLA DQB1* risk genotype	Age (months)								Age (mo) of type I diabetes diagnosis
						3	6	12	24	36	48	60	72	
CMF	1	F	Yes	0.1	*0302/x	0	GADA	0	0	0	ICA	0	0	
	2	M	Yes	3.8	*0302/x	0	0	0	IA-2A	NA	NA	0	0	
	3	F	Yes	2.2	*0302/x	0	NA	0	IAA	IA-2A	IA-2A	IA-2A		
									GADA	IAA	IAA	IAA		
									ICA	GADA	GADA	GADA		
										ICA	ICA	ICA		
										ZnT8A	ZnT8A	ZnT8A		
	4	M	Yes	4.5	*02(DQA1*05)/x	0	0	IAA	IAA	IAA	NA	IAA		
								GADA	GADA	GADA		GADA		
								ICA	ICA	ICA		ICA		
									ZnT8A	ZnT8A		ZnT8A		
	5	F	Yes	0.2	*02/0302	0	0	0	0	GADA	GADA	GADA		
									ICA	ICA	ICA			
										ZnT8A	ZnT8A			
6	F	Yes	0.2	*0302/x	0	0	ZnT8A	ICA	IA-2A	IA-2A	IA-2A			
								ZnT8	ICA	ICA	ICA			
									ZnT8A	ZnT8A	ZnT8A			
7	M	Yes	0.1	*02(DQA1*05)/x	IAA	0	0	0	GADA	0	0			
8	M	Yes	0.1	*02/0302	0	0	IAA	IA-2A	NA	IA-2A				
							ICA	IAA		IAA				
								GADA		GADA				
								ICA		ZnT8A				
								ZnT8A						
9	M	Yes	0.3	*02/0302	0	0	0	0	IAA	ICA				
									ICA					
10	M	Yes	4.0	*0302/x	0	0	0	IAA	NA	IAA				
11	F	Yes	0.2	*0302/x	0	0	IAA	IAA	IAA	0				
12	F	Yes	3.4	*0302/x	0	0	0	IAA	0					

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						3	6	12	24	36	48	60	72		
CMF	13	M	Yes	0.9	*02/0302	0	0	IAA	IA-2A IAA GADA ICA ZnT8A						
	14	M	Yes	0.1	*0302/x	0	0	0	IAA GADA						
	15	M	Yes	3.3	*02(DQA1*05)/x	0	0	GADA	GADA						
	16	M	Yes	0.1	*02(DQA1*05)/x	0	0	0	IA-2A						
	17	F	Yes	0.1	*0302/x	0	0	IAA	0						
	18	F	No		*02(DQA1*05)/x	0	0	0	0	IAA	NA	0			
	19	M	No		*02/0302	0	0	0	GADA	NA	GADA				
	20	M	No		*02/0302	0	0	IAA GADA	IA-2A IAA IAA GADA GADA ZnT8A ICA ZnT8A	IA-2A IAA IAA GADA GADA ICA ZnT8A					
	21	M	No		*0302/x	0	0	0	0	IAA GADA					
	WHF	1	F	Yes	3.2	*0302/x	0	0	IA-2A IAA ZnT8A	IAA ZnT8A					
2		M	Yes	0.2	*0302/x	0	0	IA-2A IAA GADA ZnT8A	IA-2A IAA GADA ZnT8A						21.05
3		F	Yes	0.1	*02(DQA1*05)/x	0	0	0	IAA	IAA	IAA	NA	0		

Study formula	Case no	Sex	The study formula was started	Age (mo) when the study formula was started	HLA DQB1* risk genotype	Age (months)								Age (mo) of type I diabetes diagnosis
						3	6	12	24	36	48	60	72	
WHF	4	M	Yes	5.3	*0302/x	0	0	IA-2A IAA GADA ZnT8A	IA-2A GADA ICA ZnT8A	NA	NA	IA-2A GADA ZnT8A		
	5	M	Yes	0.1	*0302/x	0	IAA	0	0	0	0	0		
	6	M	Yes	3.5	*02(DQA1*05)/x	0	0	0	0	GADA	GADA			
	7	M	Yes	0.1	*0302/x	0	0	0	0	GADA	0			
	8	F	Yes	6.0	*0302/x	0	0	IAA	0	0				
	9	F	Yes	0.3	*0302/x	0	0	IA-2A IAA ICA	IA-2A IAA GADA ICA ZnT8A				54.64	
	10	M	Yes	1.1	*02/0302	0	0	IA-2A IAA GADA ICA	IA-2A IAA GADA ICA					
	11	F	Yes	0.2	*02(DQA1*05)/x	0	GADA	0	0	GADA	NA	IA-2A		
	12	F	No		*0302/x	0	0	0	GADA ZnT8A		IA-2A GADA ZnT8A			
	13	F	No		*0302/x	0	0	IAA	0					
	FINDIA	1	M	Yes	0.1	*0302/x	0	0	0	IA-2A IAA ZnT8A				23.68
		2	F	Yes	0.2	*0302/x	0	0	IAA	IAA	IAA	0	0	0
		3	M	Yes	0.7	*0302/x	0	0	GADA	0	NA	0		
4		M	Yes	0.3	*02/0302	0	0	IA-2A IAA GADA ICA ZnT8A	IA-2A IAA GADA ZnT8A	IA-2A IAA GADA ICA ZnT8A			40.33	

Study formula	Case no	Sex	The study formula was started	Age (mo) when the study formula was started	HLA DQB1* risk genotype	Age (months)								Age (mo) of type I diabetes diagnosis
						3	6	12	24	36	48	60	72	
FINDIA	5	F	No		*0302/x	0	0	0	IA-2A IAA GADA ICA	NA	IA-2A IAA GADA ICA ZnT8A	IA-2A IAA GADA ZnT8A		
	6	M	No		*0302/x	0	GADA	0	GADA	0	0			
	7	F	No		*02(DQA1*05)/x	0	0	IAA GADA ICA ZnT8A	IAA GADA ICA ZnT8A				34.14	
	8	M	No		*0302/x	0	0	0	IAA					

HLA: 1=HLA DQB1 *02/0302, 2= *0302/x, and 3=*02(DQA1*05)/x, x=no protective DQB1 allele

IA-2A=antibodies to the insulinoma-associated-2 molecule; IAA=insulin autoantibodies; GADA=antibodies to glutamic acid decarboxylase; ICA=islet cell antibodies; ZnT8A=antibodies to zinc transporter 8. 0=no detectable autoantibodies. NA=no sample available.