

The frequency of the ARR allele, mean inbreeding coefficients and mean average relationships for Icelandic sheep based on birth year.

Year	Number of animals		Frequency of ARR		Inbreeding coefficient		Relationship	
	Rams	Ewes	Rams	Ewes	Rams	Ewes	Rams	Ewes
2021	6 778	67 308	0.001	0.002	0.029	0.028	0.028	0.026
2022	6 176	61 898	0.003	0.002	0.028	0.028	0.027	0.029
2023	6 460	63 523	0.052	0.009	0.026	0.029	0.030	0.027
2024	7 047	64 046	0.174	0.064	0.024	0.027	0.033	0.027
2025*	1 251	10 281	0.236	0.136	0.026	0.026	0.034	0.030

*Results for 2025 are based on available records on October 29, 2025.