



THE GLOBAL LEADER IN GMO IDENTIFICATION

## Proficiency Test Programs

Genetic ID NA participates in proficiency test programs (i.e. ring trials) offered by the organizations listed below. ***Genetic ID NA consistently scores in the top tier of all participating laboratories.*** As one of the common indicators used to gauge the performance of a testing laboratory, the z-score reflects in statistical units the difference between the participating laboratory's result and the accepted consensus value. Therefore, a score of zero implies a perfect result.

By looking at the z-scores in the attached examples of representative results from these ring trials, one can see that Genetic ID NA achieved lower z-scores than the majority of the other participating laboratories. In addition, these examples demonstrate that Genetic ID NA is able to obtain these results with a variety of sample matrices and GM events.

- The Genetically Modified Material Analysis (GeMMA) Scheme (Central Science Laboratory [CSL], UK)
- The Lab Proficiency Program by the American Oil Chemists' Society (AOCS), USA
- The USDA/GIPSA Proficiency Program (United States Department of Agriculture, USA)
- The GMO Proficiency Test Program (International Seed Testing Association [ISTA], Switzerland)
- Other proficiency test programs organized by Unilever (GM corn and soy) and Coresta (GM tobacco)

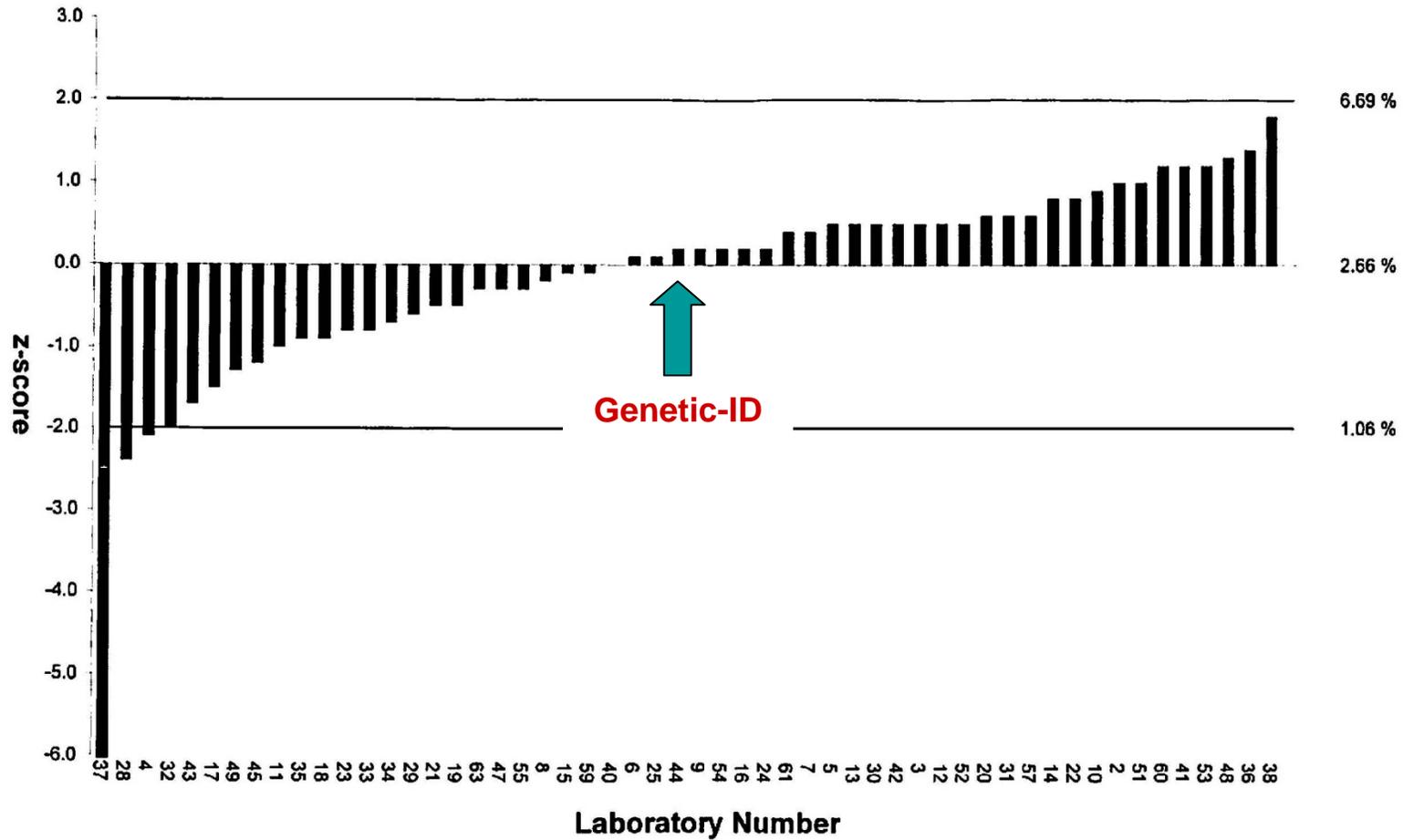


Figure 1: z-Scores for Roundup Ready<sup>®</sup> soya (2.66 %) in Animal Feed Test Material GeM S35-A

**GeM S35: The accurate performance of Genetic ID NA in this proficiency test for Roundup Ready Soy in Animal Feed is indicated by a z-score close to zero. Genetic ID is Lab #44**

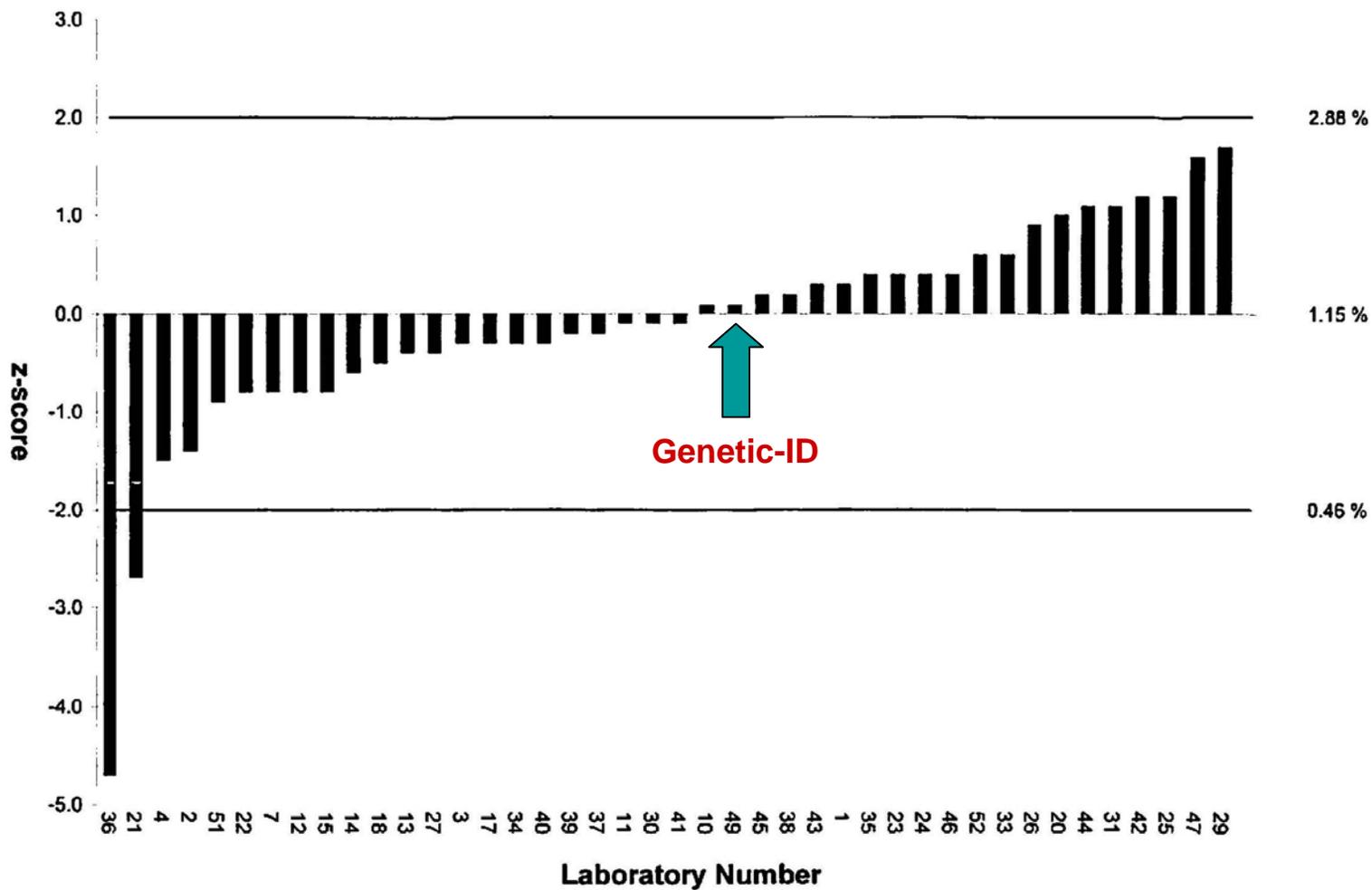


Figure 1: z-Scores for Roundup Ready<sup>®</sup> soya (1.15 %) in Processed Matrix Test Material GeM S37-A

S37: The accurate performance of Genetic ID NA in this proficiency test for Roundup Ready Soy xturized Vegetable Protein is indicated by a z-score close to zero. Genetic ID is Lab #49

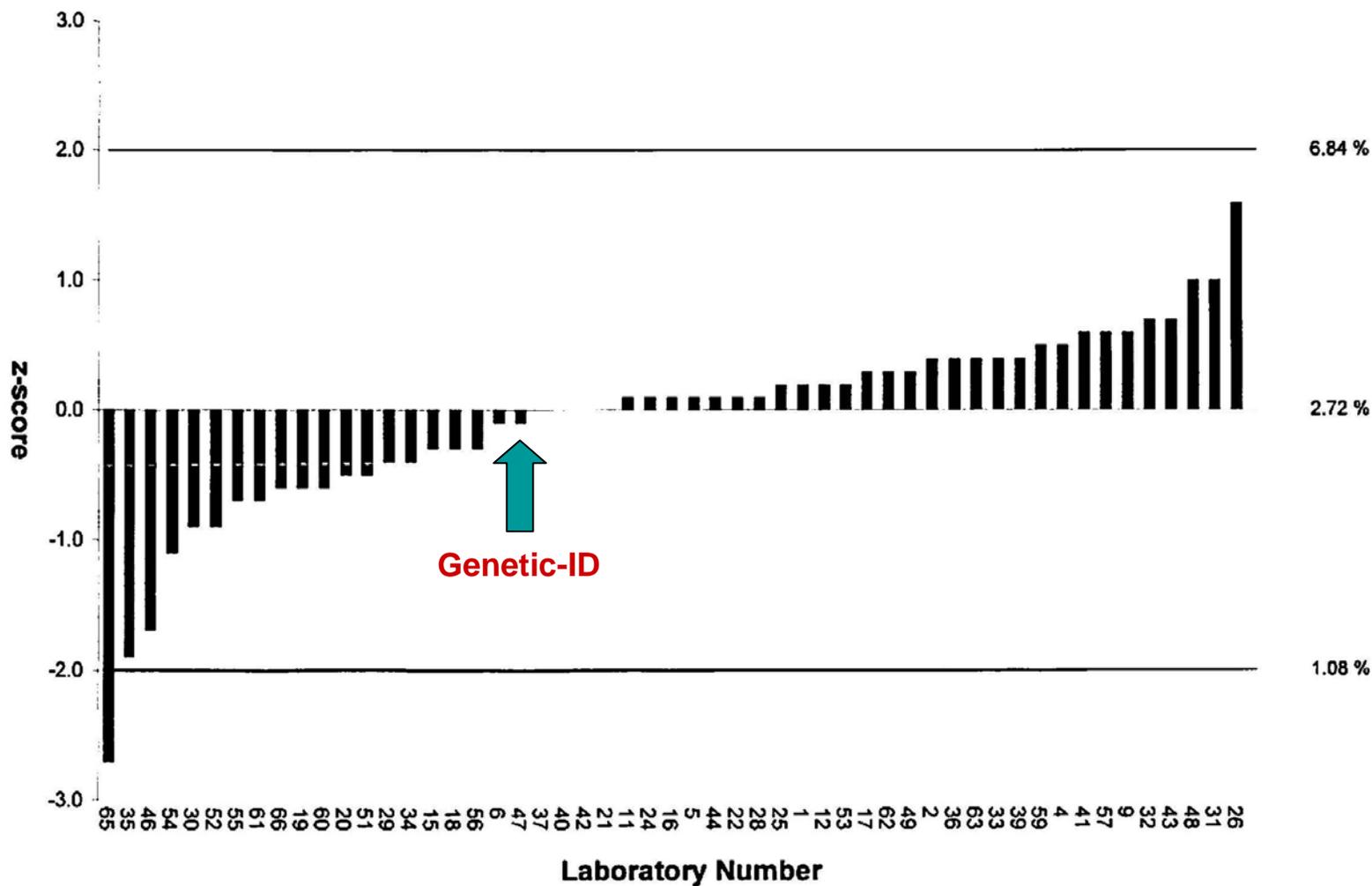


Figure 1: z-Scores for Roundup Ready<sup>®</sup> soya (2.72 %) in 100% Soya Flour Test Material GeM S38-A

**GeM S38:** The accurate performance of Genetic ID NA in this proficiency test for Roundup Ready Soy in Soy Flour is indicated by a z-score close to zero. Genetic ID is Lab #47

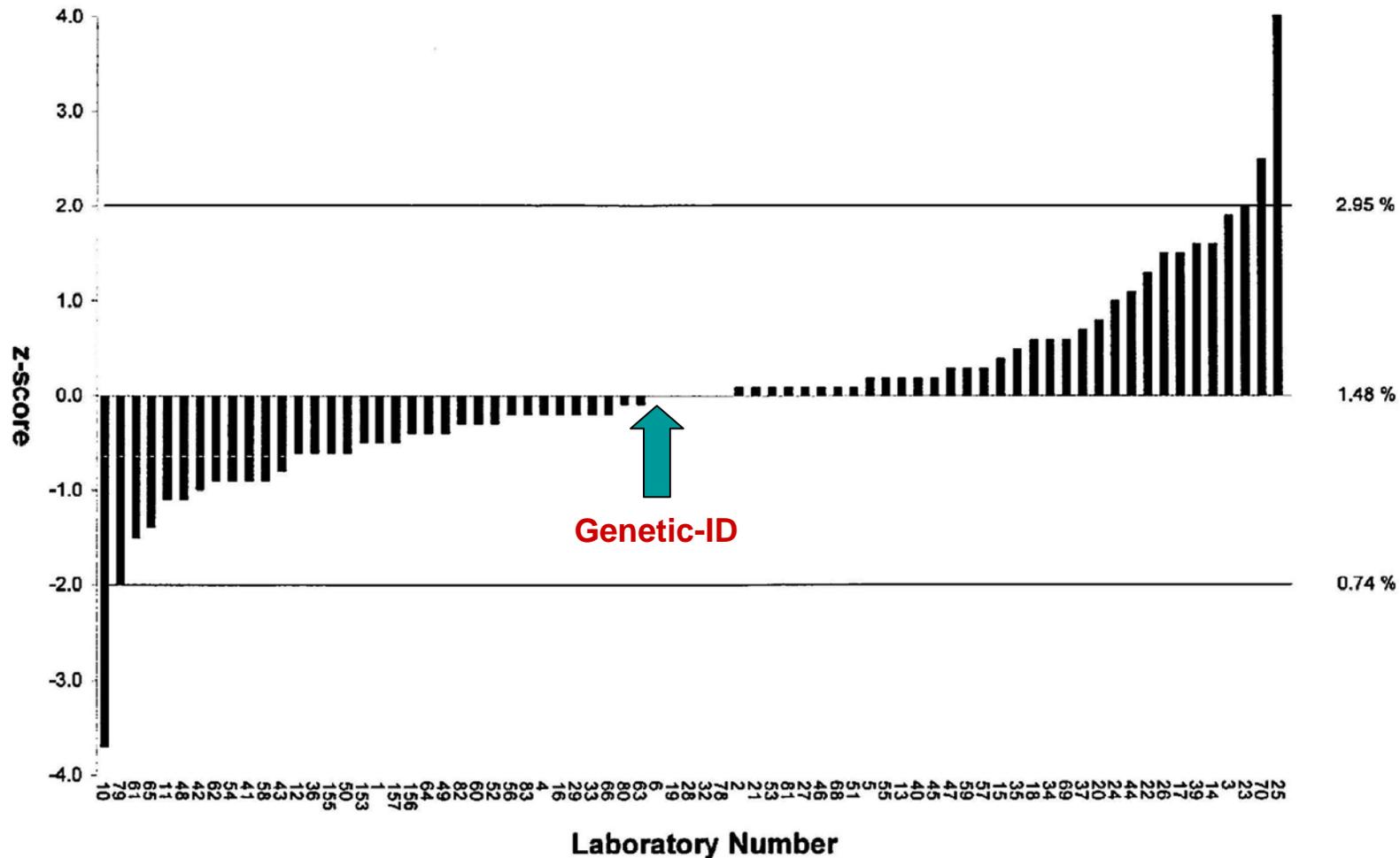


Figure 2: z-Scores for Roundup Ready<sup>®</sup> Soya (1.48 %) in Mixed Flours Test Material GeM SU04-B,  $\sigma_p = 0.15$   
See Section 5.2

GeM SU04: The accurate performance of Genetic ID NA in this proficiency test for Roundup Ready Soy in Mixed Flours is indicated by a z-score of zero. Genetic ID is Lab #6

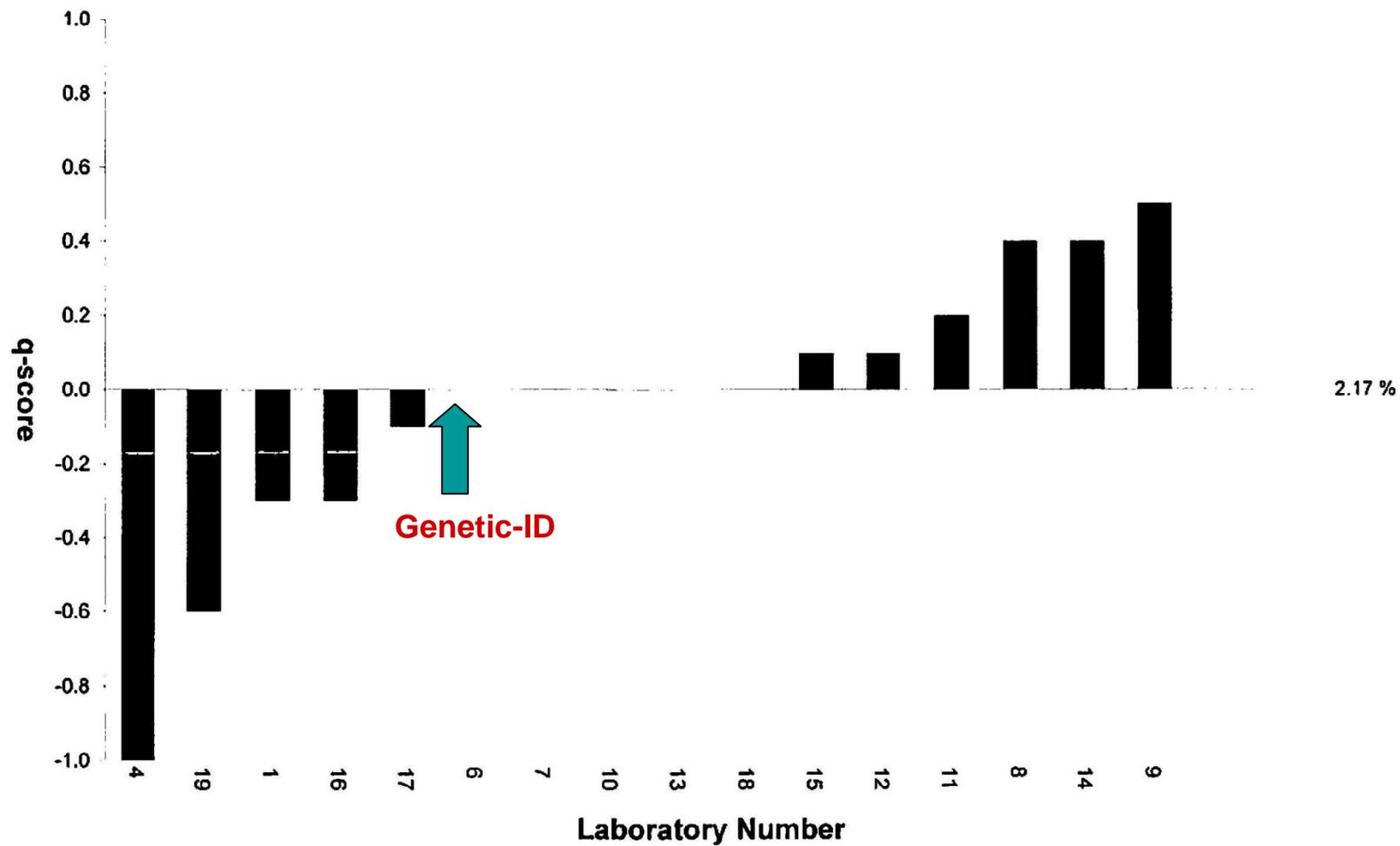


Figure 1: Q-Scores for RT73 Canola (2.17 %) in Canola DNA Test Material GeM D02-A

**GeM D02: The accurate performance of Genetic ID NA in this proficiency test for Canola RT73 is indicated by a z-score of zero. Genetic ID is Lab #6**

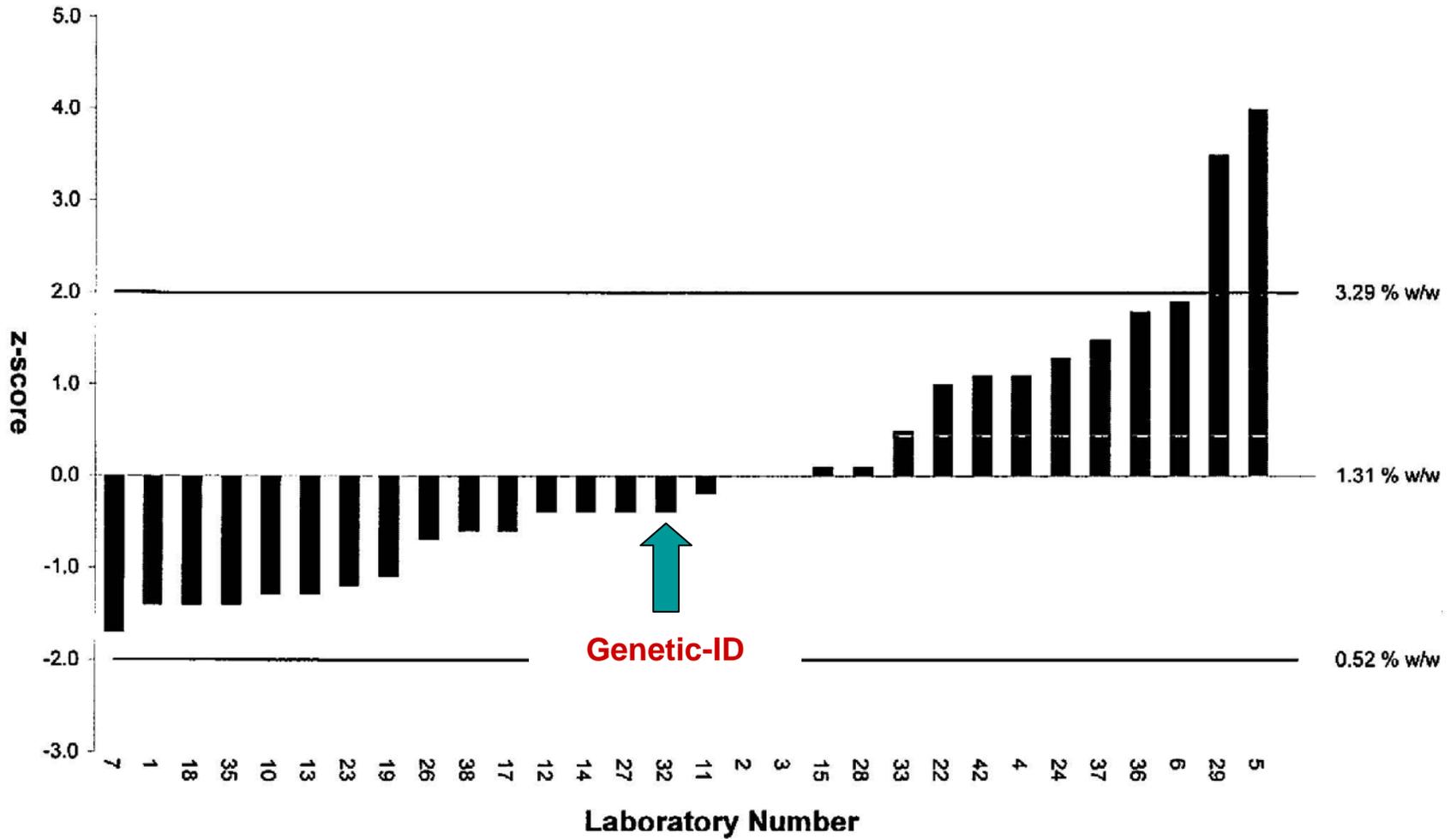


Figure 1: z-Scores for NK 603 Maize (1.31 % w/w) in Maize Flour Test Material GcM M18-A

GeM M18: The accurate performance of Genetic ID NA in this proficiency test for

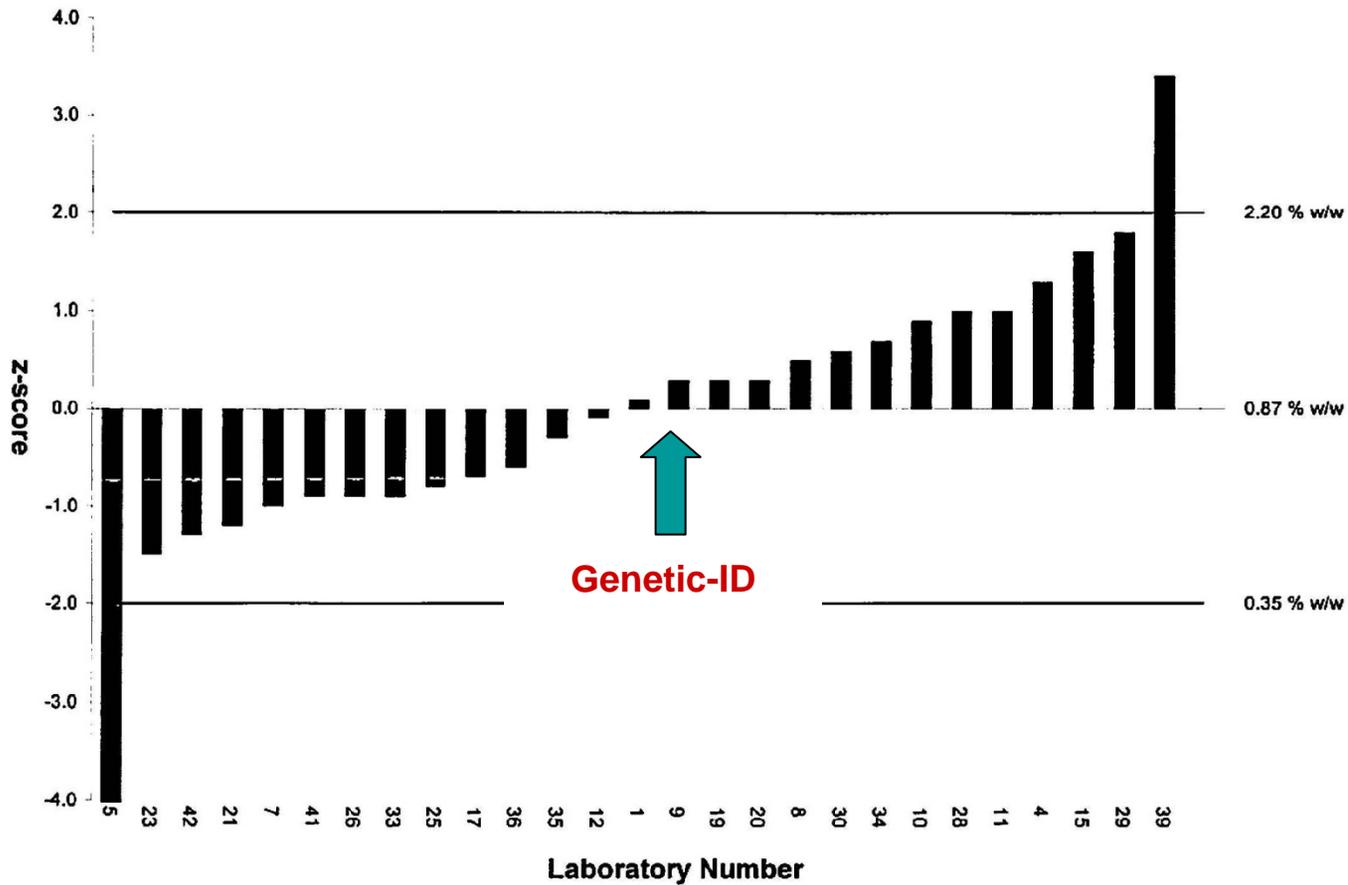


Figure 1: z-Scores for Mon 810 Maize (0.87 % w/w) in Maize Flour Test Material GeM M19-A

**GeM M19: The accurate performance of Genetic ID NA in this proficiency test for MON810 in Maize Flour is indicated by a z-score close to zero. Genetic ID is Lab #8**

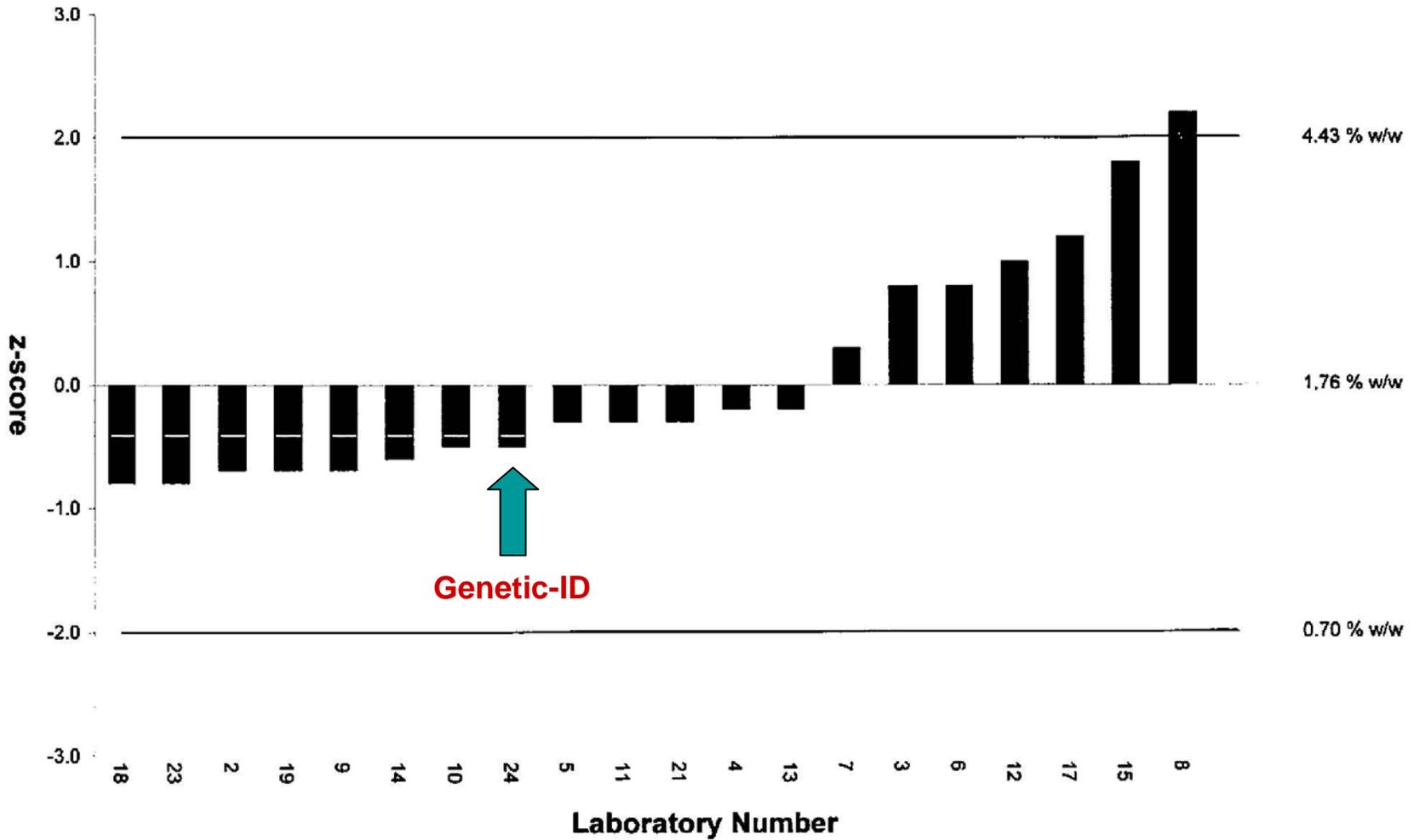


Figure 1: z-Scores for GA21 Maize (1.76 % w/w) in 100% Maize Flour Test Material GeM SU10-B

**GeM SU10: The accurate performance of Genetic ID NA in this proficiency test for GA21 in Maize Flour is indicated by a z-score close to zero. Genetic ID is Lab #24**

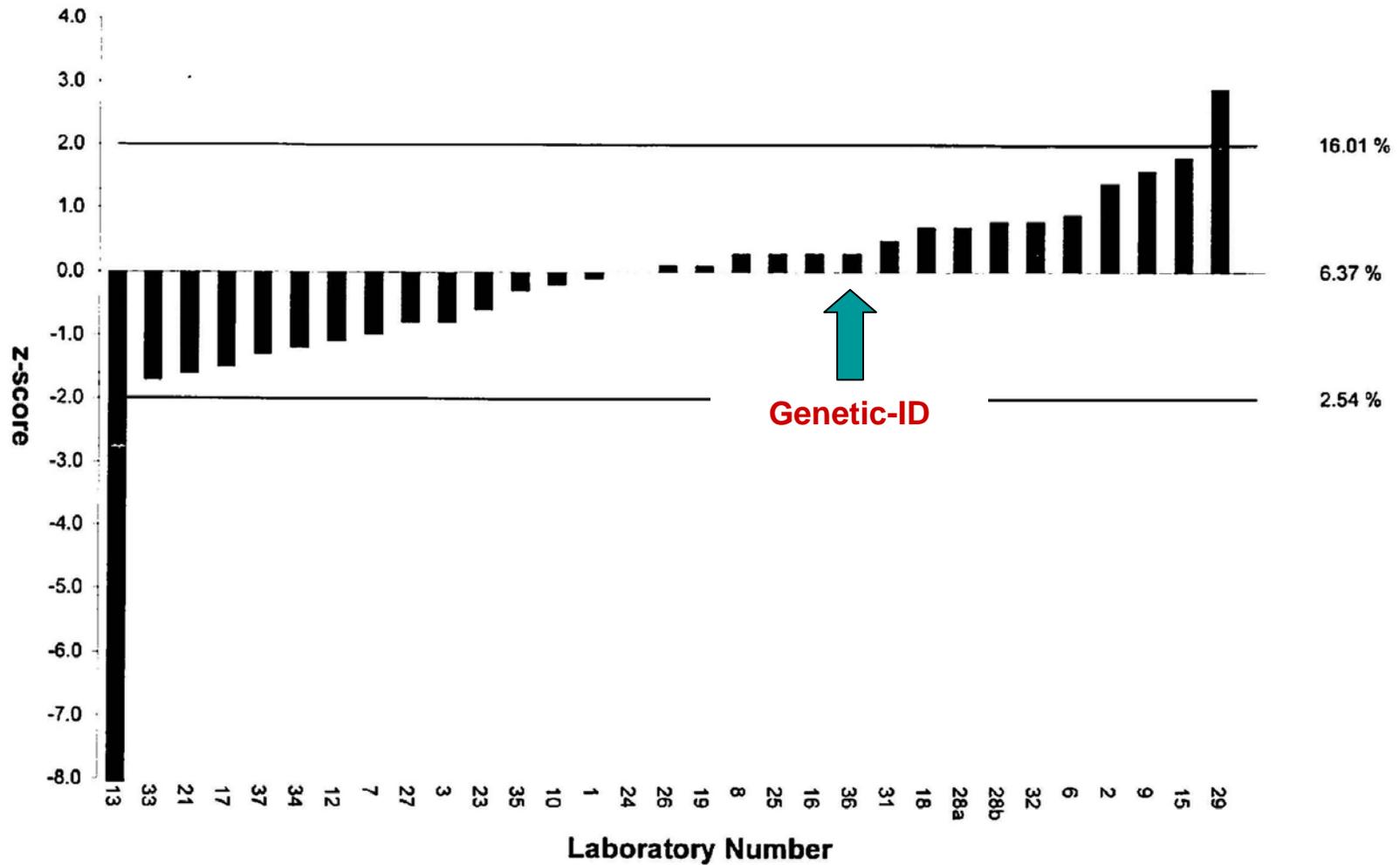


Figure 1: z-Scores for Roundup Ready<sup>®</sup> Soya (6.37 %) in Processed Matrix Test Material GeM SP01-B

GeM SP01: The accurate performance of Genetic ID NA in this proficiency test for Roundup Ready Soy in Texturized Vegetable Protein is indicated by a z-score close to zero. Genetic ID is Lab #36

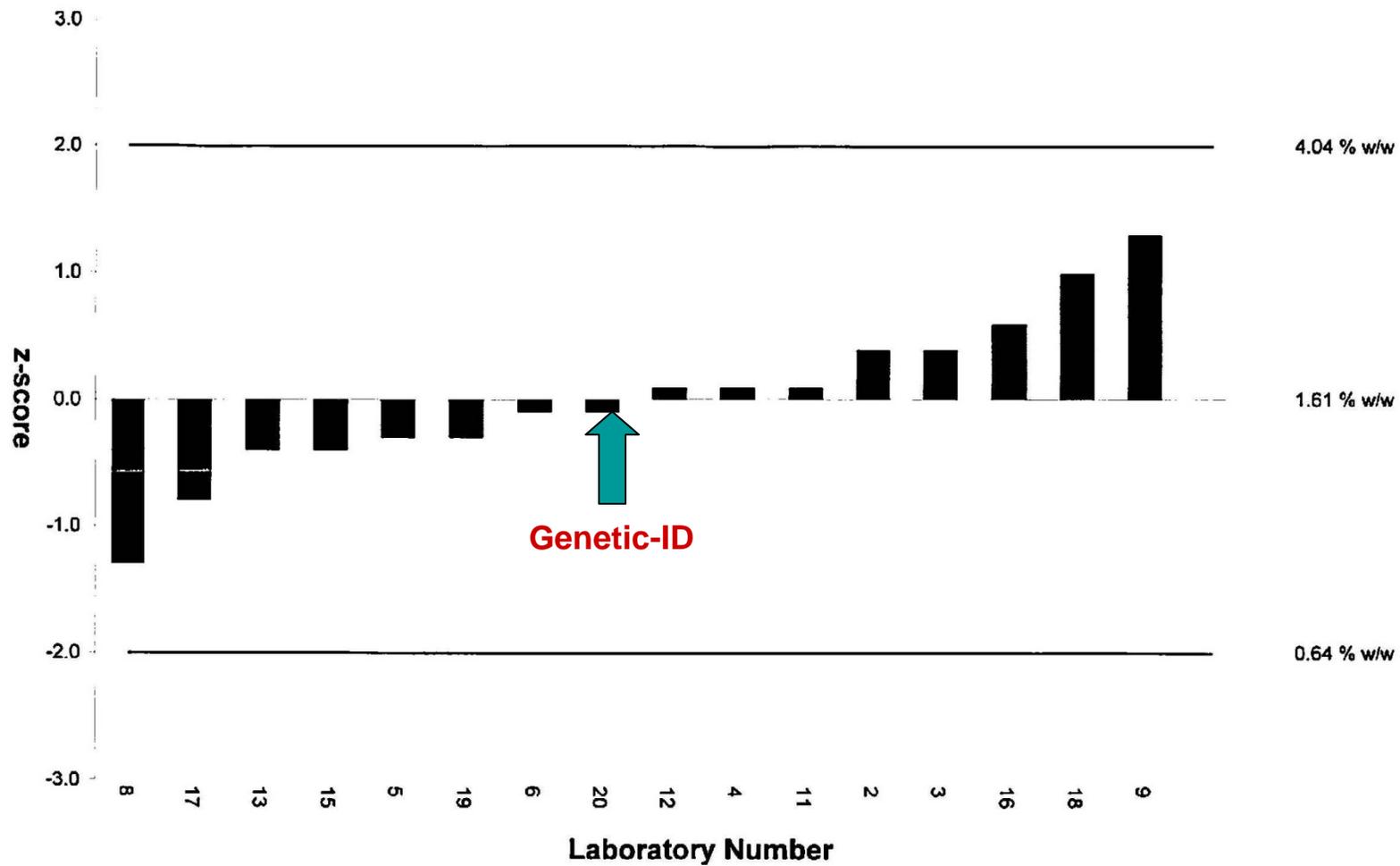


Figure 1: z-Scores for MIR604 Maize (1.61 % w/w) in 100% Maize Flour Test Material GeM SU11-A

GeM SU11: The accurate performance of Genetic ID NA in this proficiency test for MIR604 in Maize Flour is indicated by a z-score close to zero. Genetic ID is Lab #6

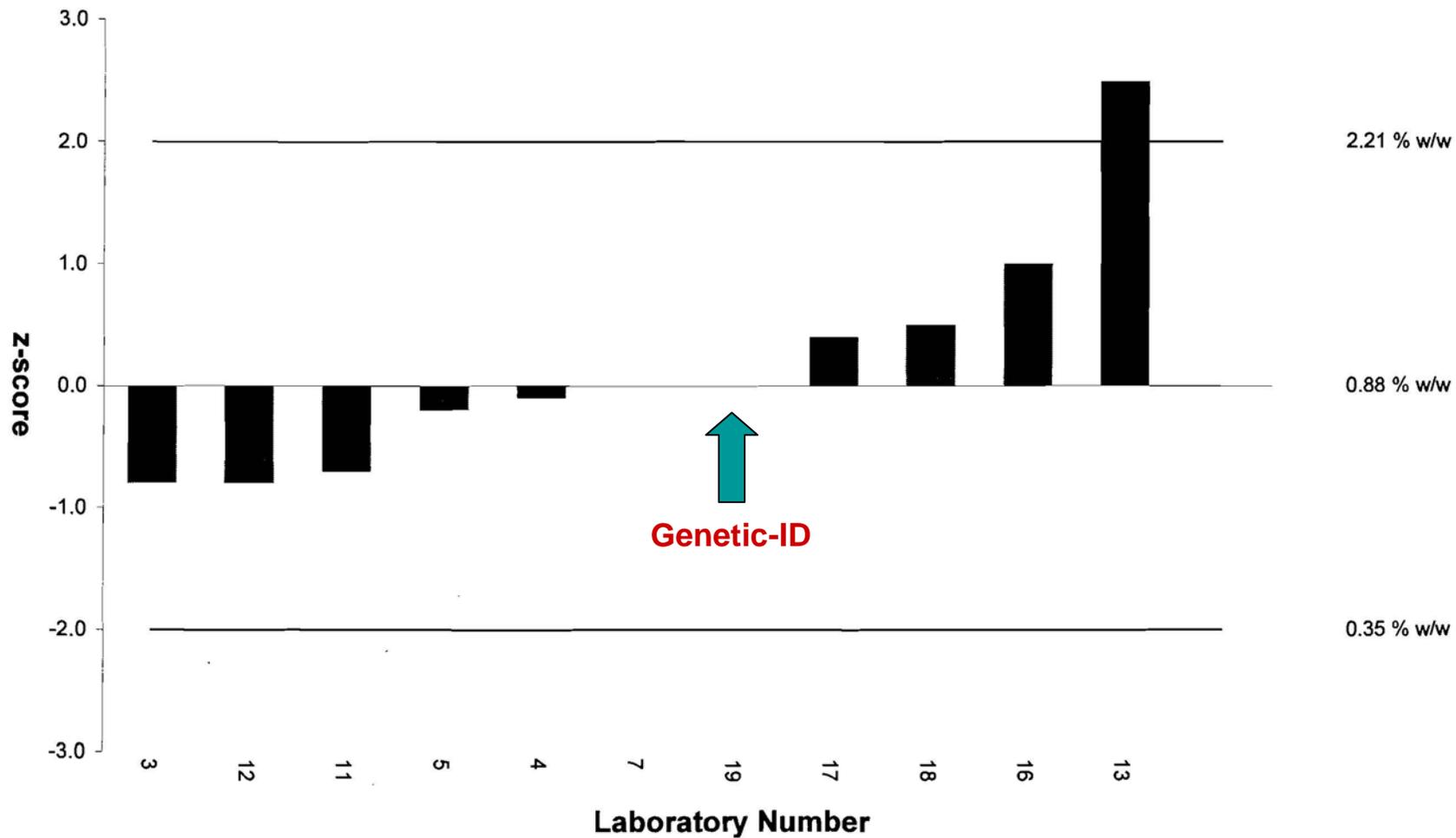


Figure 1: z-Scores for TC1507 Maize (0.88 % w/w) in 100% Maize Flour Test Material GeM SU14-B

**GeM SU14: The accurate performance of Genetic ID NA in this proficiency test for TC1507 in Maize Flour is indicated by a z-score of zero. Genetic ID is Lab #19**

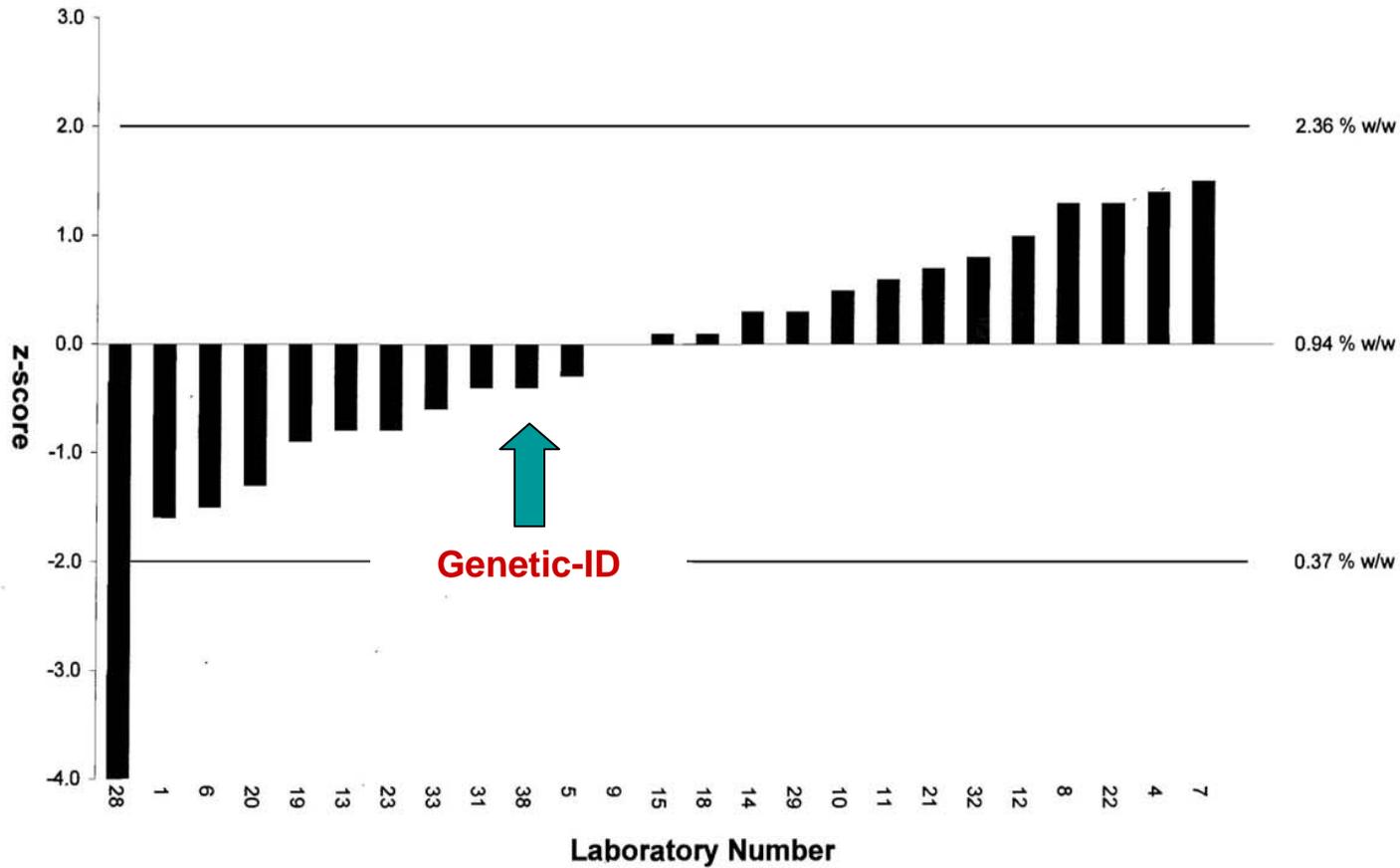


Figure 1: z-Scores for MON810 Maize (0.94 % w/w) in Baked Product Test Material

**GeM MP03: The accurate performance of Genetic ID NA in this proficiency test for MON810 in Baked Product Test Material is indicated by a z-score close to zero. Genetic ID is Lab #38**

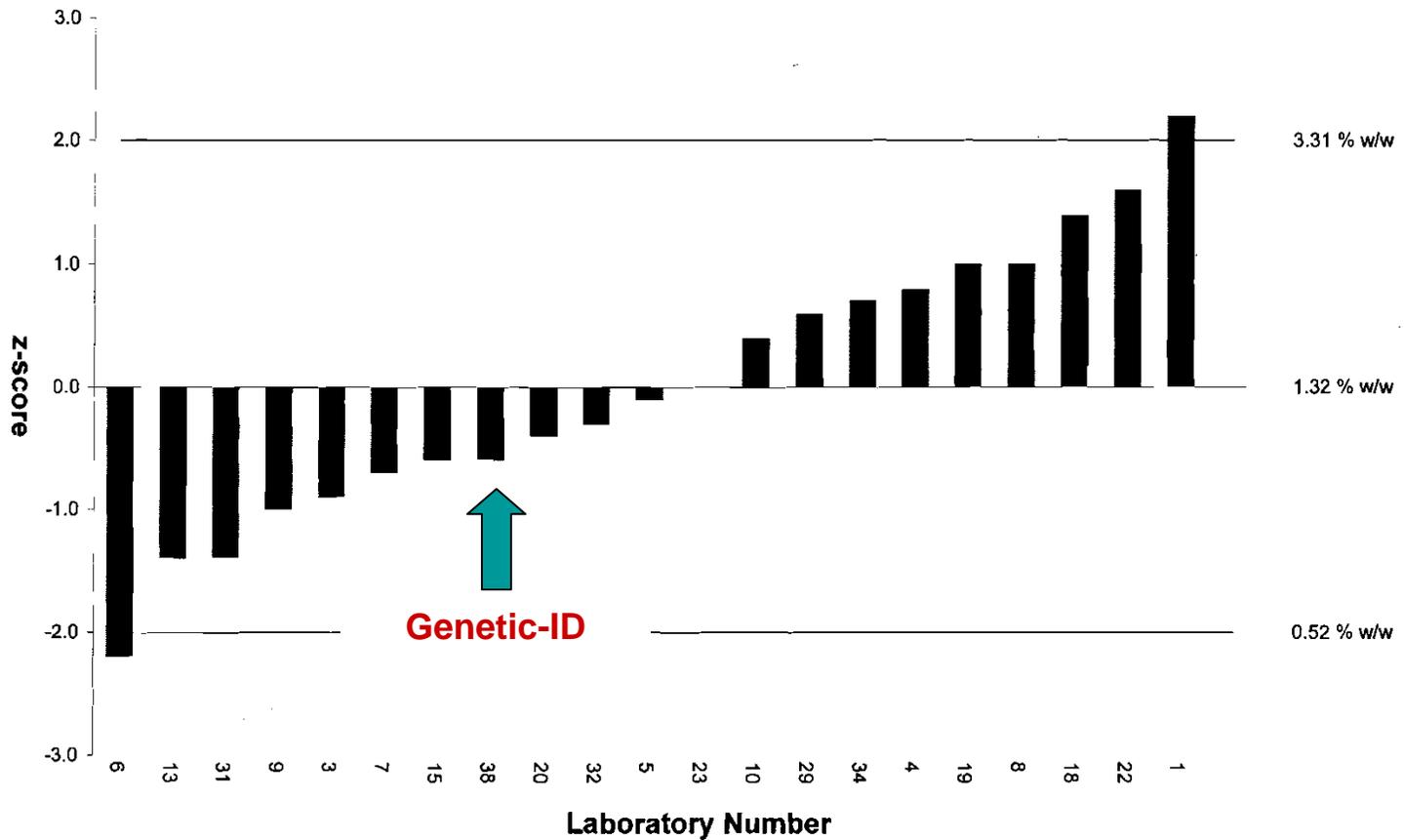


Figure 2: z-Scores for MON863 Maize (1.32 % w/w) in Baked Product Test Material

**GeM MP03: The accurate performance of Genetic ID NA in this proficiency test for MON863 in Baked Product Test Material is indicated by a z-score close to zero. Genetic ID is Lab #38**