



July 6, 2023

The Holstein Association USA, Inc. maintains records that identify animals that carry an undesirable recessive for a physiological abnormality, biochemical defect or enzyme deficiency. At this time, there are identification records for (1) Bovine Leukocyte Adhesion Deficiency (BLAD), (2) Brachyspina, (3) Bulldog (achondroplasia 1, 2 & 3), (4) Complex Vertebral Malformation (CVM), (5) Deficiency of Uridine Monophosphate Synthase (DUMPS) , (6) Holstein Cholesterol Deficiency (HCD), and (7) Mule Foot (syndactylism). Each animal that is officially defined as a carrier of an undesirable recessive is identified in a pedigree and other lineage documents.

It is hereby certified that **PEAK ALTABARBARO-ET 3252198119** is not recorded as a carrier of any defined undesirable recessive.

This animal and its ancestors are not a result of cloning.

Jenifer Levissee-Phillips  
Senior Manager, Quality Assurance  
HOLSTEIN ASSOCIATION USA, INC.