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Supplemental Data 2 – Canine Genotype 2.1 Kit

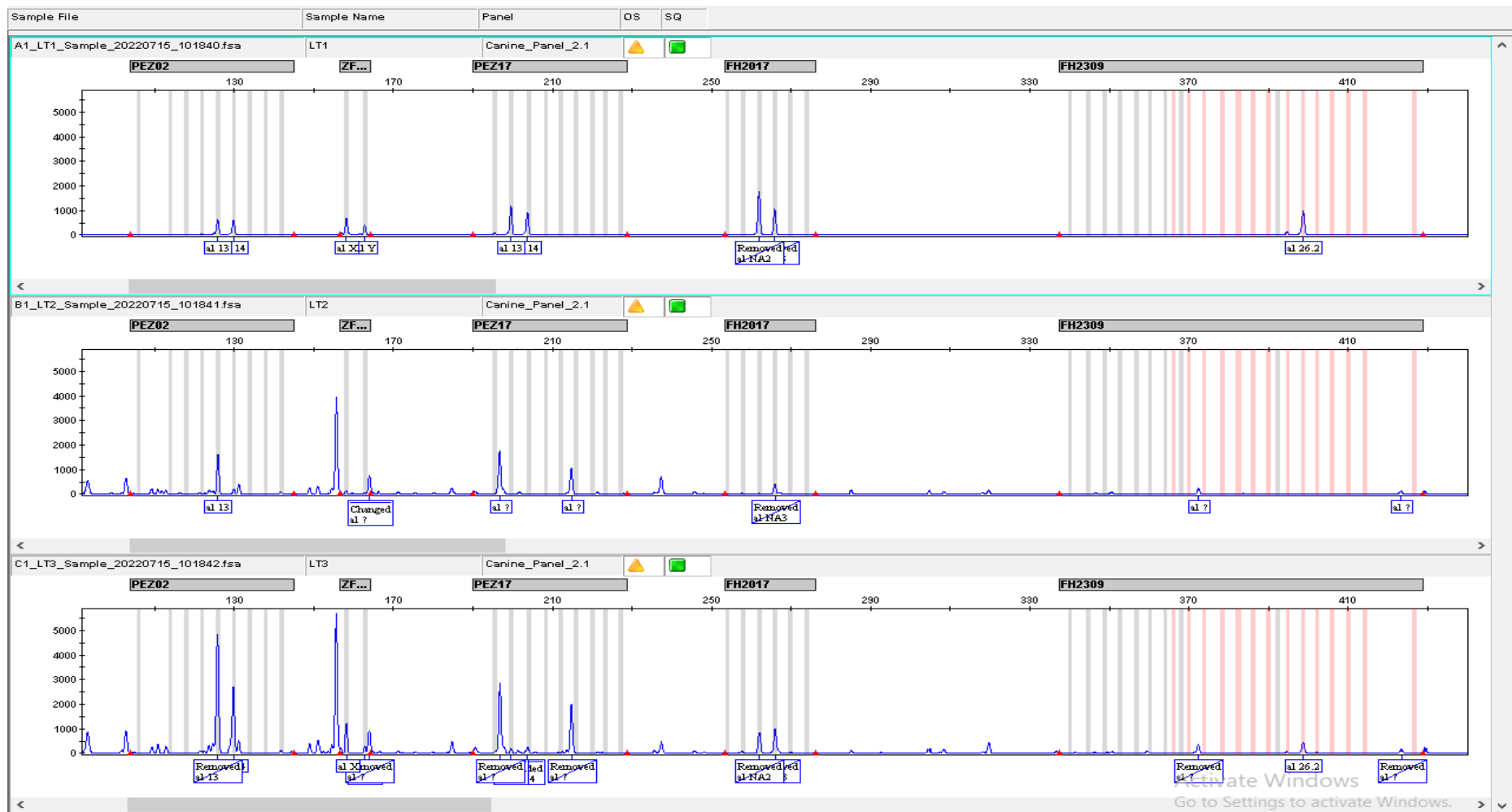


Figure 1: (top) Single source canine DNA at 62.5pg, (middle) single source cattle DNA at 31.25ng, and (bottom) mixed canine (62.5pg):cattle (31.25ng) DNA for five loci in the blue channel for Canine Genotype 2.1 kit.

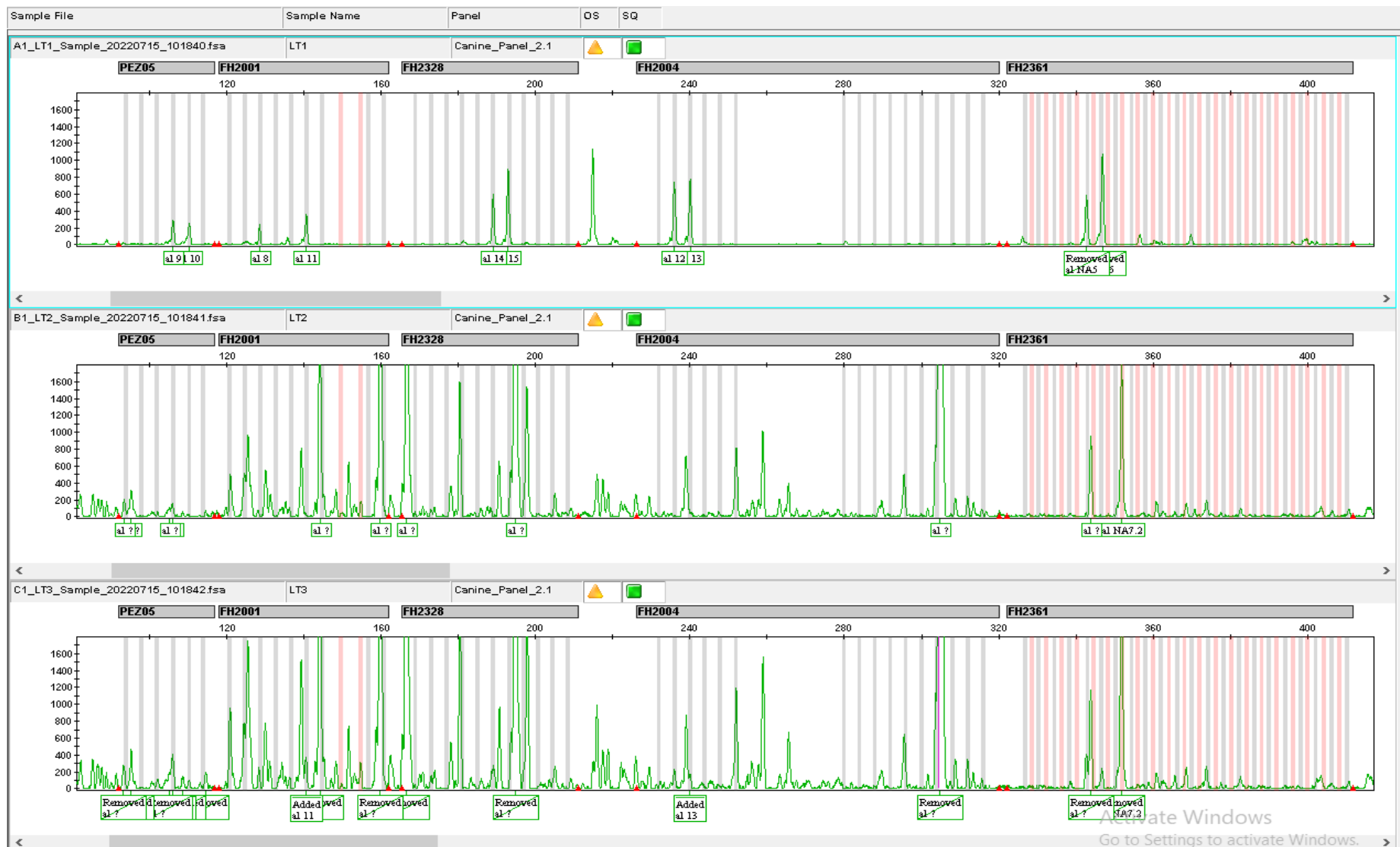


Figure 2: (top) Single source canine DNA at 62.5pg, (middle) single source cattle DNA at 31.25ng, and (bottom) mixed canine (62.5pg):cattle (31.25ng) DNA for five loci in the green channel for Canine Genotype 2.1 kit.

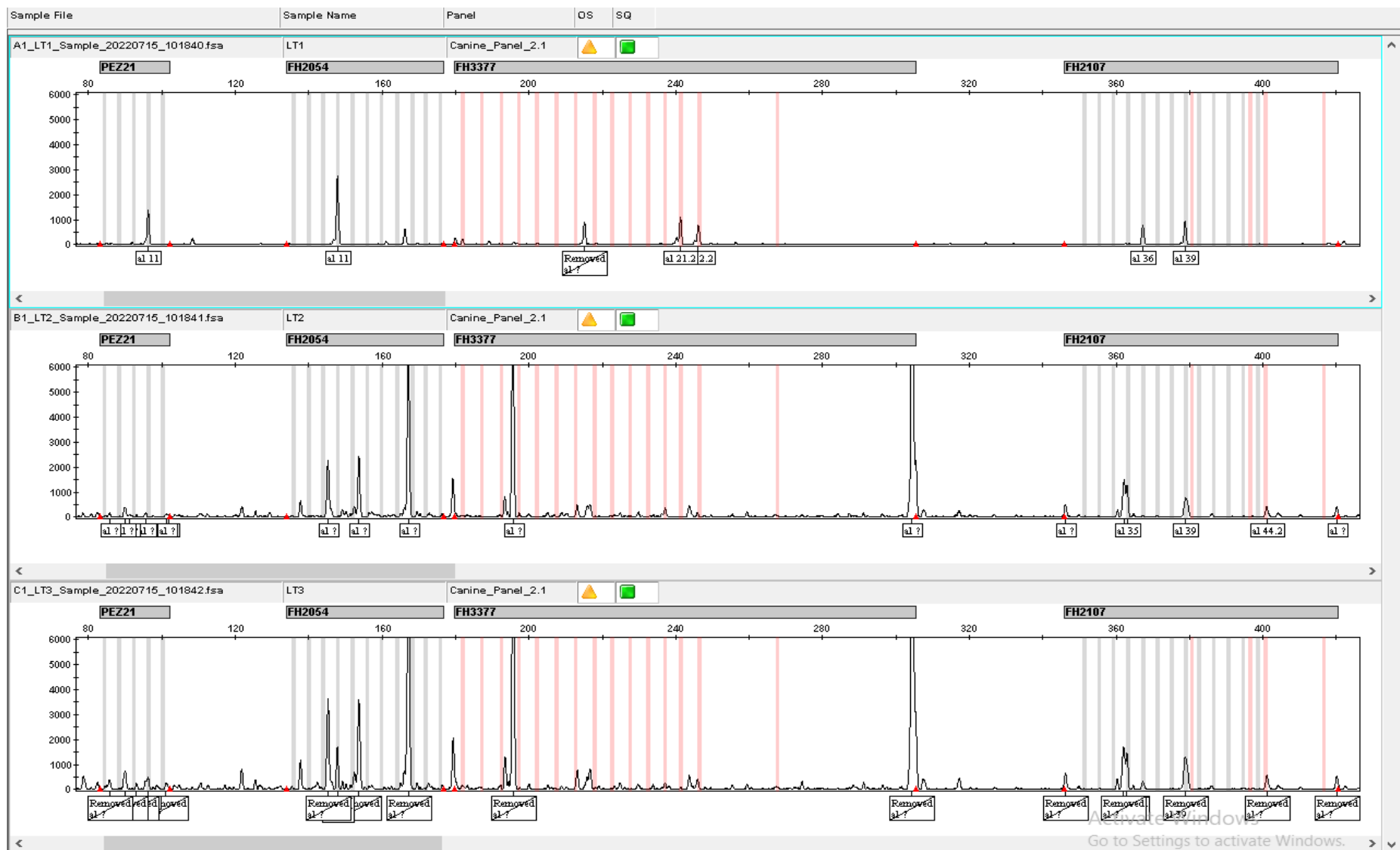


Figure 3: (top) Single source canine DNA at 62.5pg, (middle) single source cattle DNA at 31.25ng, and (bottom) mixed canine (62.5pg):cattle (31.25ng) DNA for four loci in the black channel for Canine Genotype 2.1 kit.

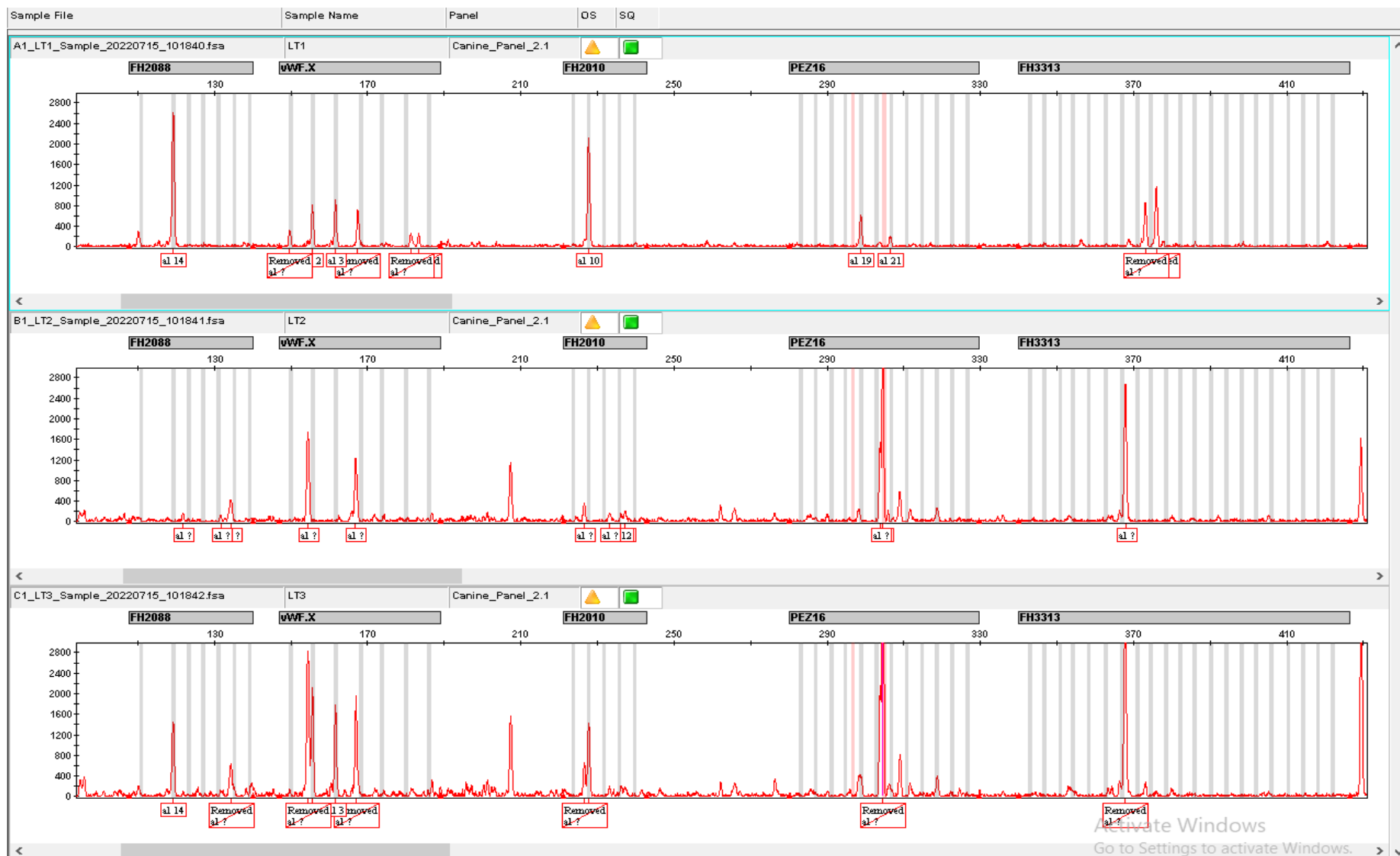


Figure 4: (top) Single source canine DNA at 62.5pg, (middle) single source cattle DNA at 31.25ng, and (bottom) mixed canine (62.5pg):cattle (31.25ng) DNA for five loci in the red channel for Canine Genotype 2.1 kit.

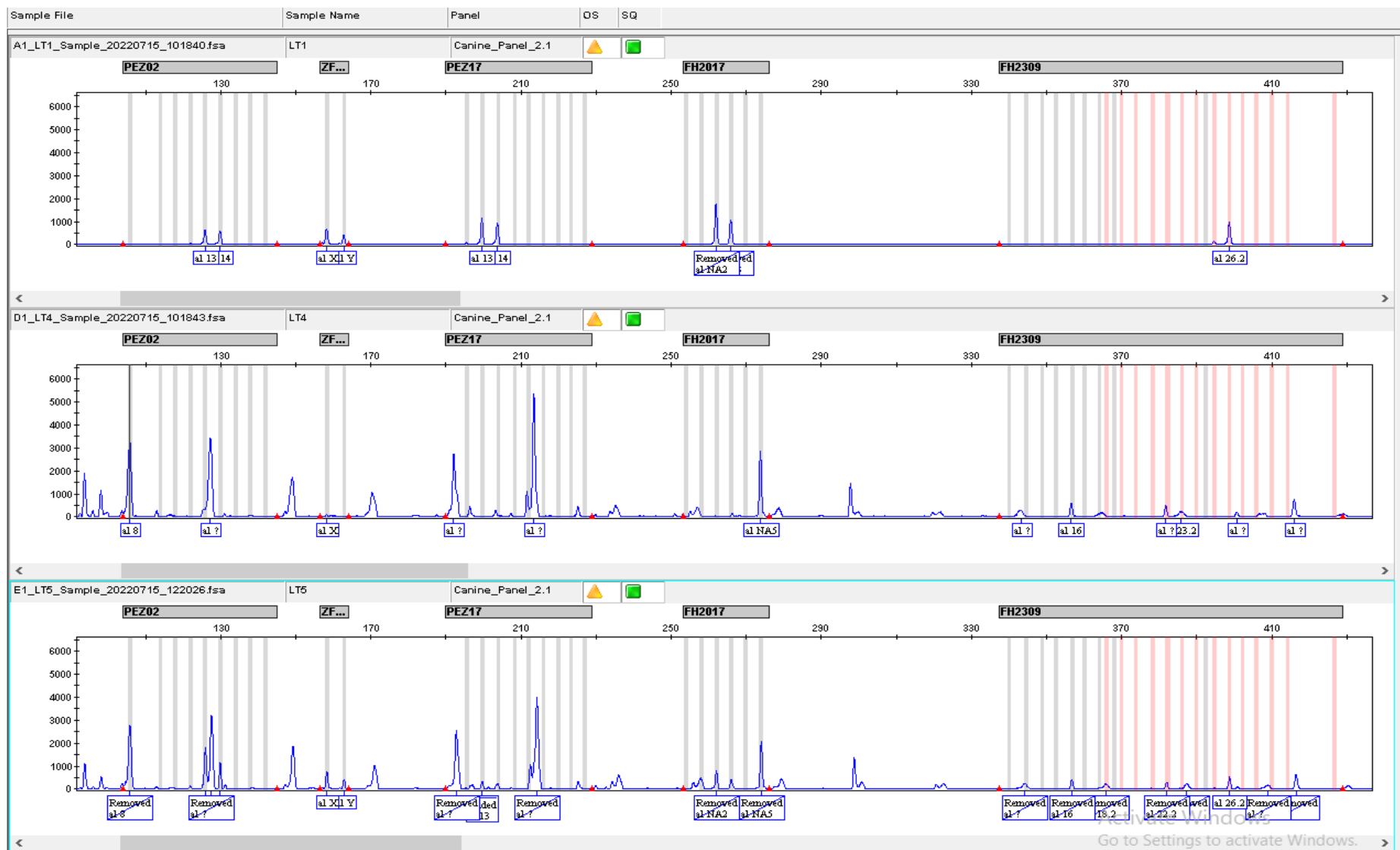


Figure 5: (top) Single source canine DNA at 62.5pg, (middle) single source sheep DNA at 31.25ng, and (bottom) mixed canine (62.5pg):sheep (31.25ng) DNA for five loci in the blue channel for Canine Genotype 2.1 kit.



Figure 6: (top) Single source canine DNA at 62.5pg, (middle) single source sheep DNA at 31.25ng, and (bottom) mixed canine (62.5pg):sheep (31.25ng) DNA for five loci in the green channel for Canine Genotype 2.1 kit.

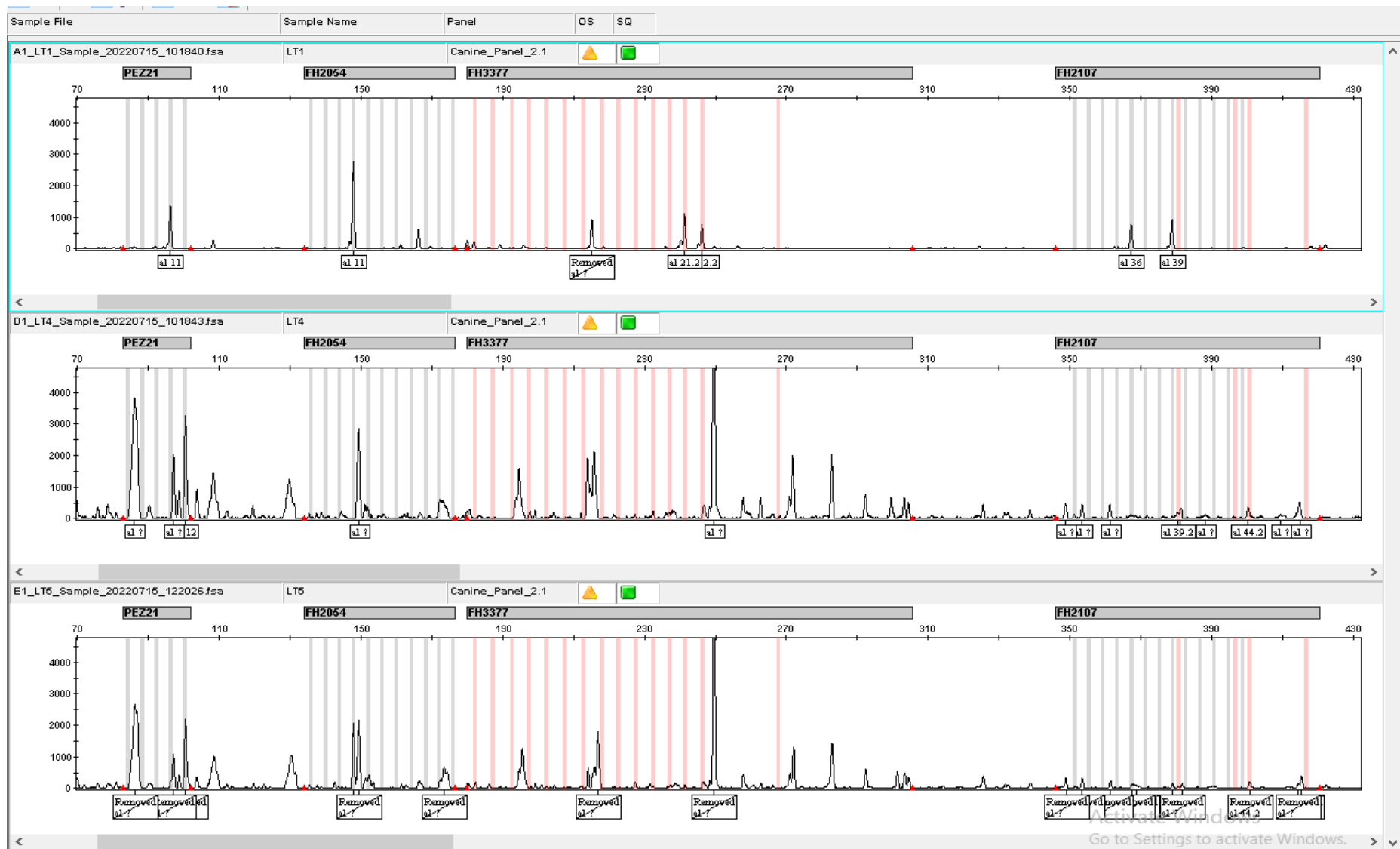


Figure 7: (top) Single source canine DNA at 62.5pg, (middle) single source sheep DNA at 31.25ng, and (bottom) mixed canine (62.5pg):sheep (31.25ng) DNA for four loci in the black channel for Canine Genotype 2.1 kit.

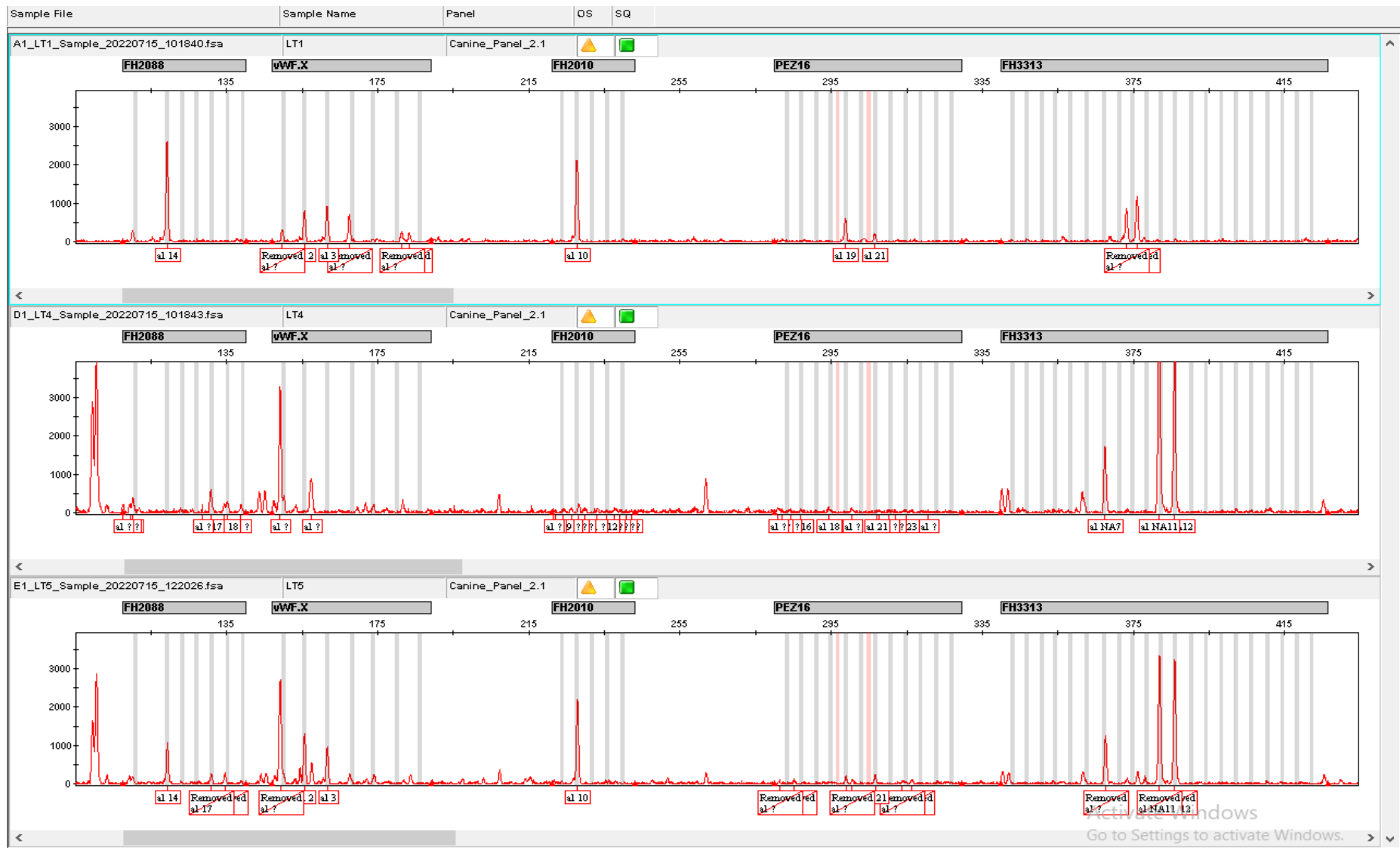


Figure 8: (top) Single source canine DNA at 62.5pg, (middle) single source sheep DNA at 31.25ng, and (bottom) mixed canine (62.5pg):sheep (31.25ng) DNA for five loci in the red channel for Canine Genotype 2.1 kit.

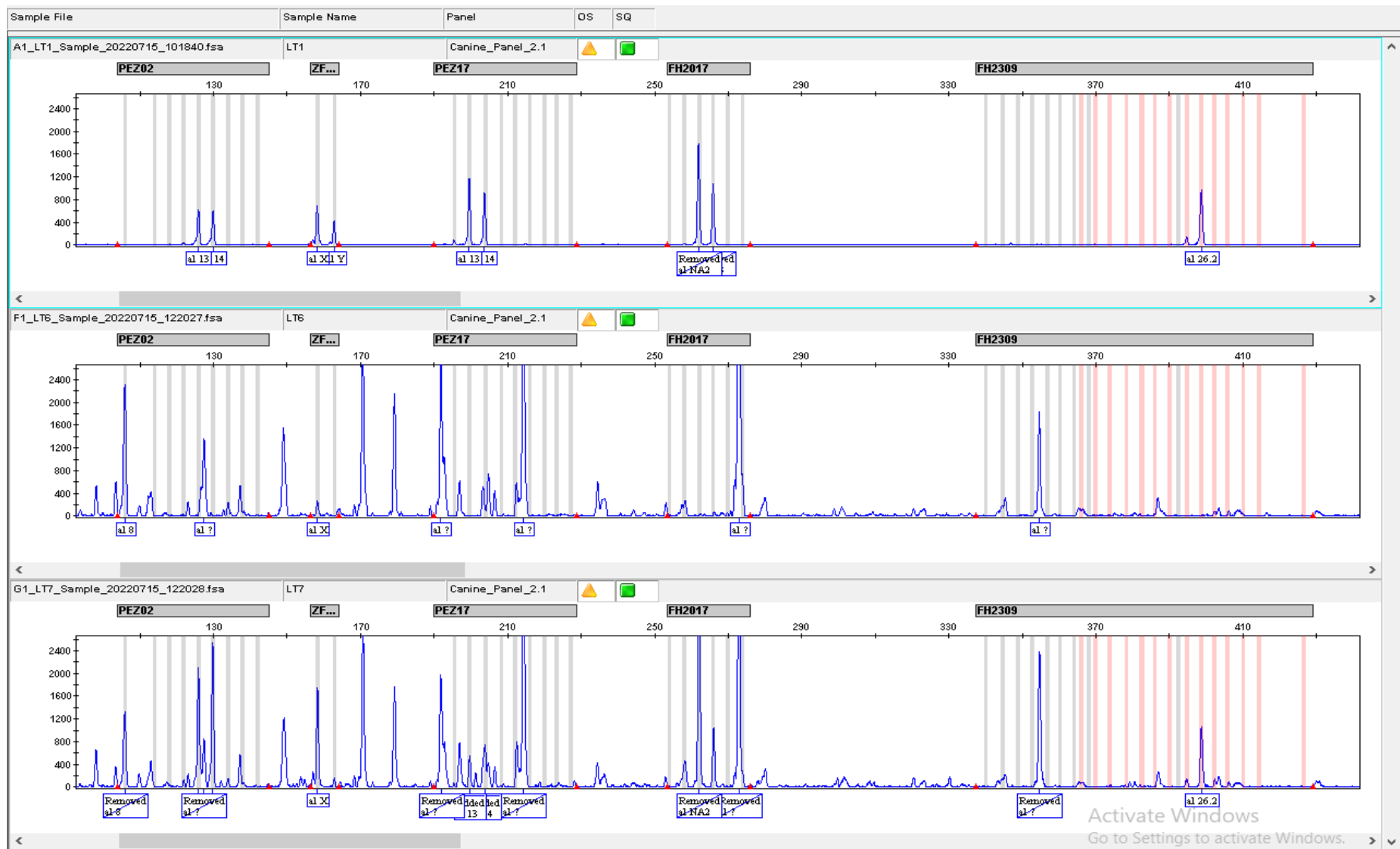


Figure 9: (top) Single source canine DNA at 62.5pg, (middle) single source goat DNA at 31.25ng, and (bottom) mixed canine (62.5pg):goat (31.25ng) DNA for five loci in the blue channel for Canine Genotype 2.1 kit.



Figure 10: (top) Single source canine DNA at 62.5pg, (middle) single source goat DNA at 31.25ng, and (bottom) mixed canine (62.5pg):goat (31.25ng) DNA for five loci in the green channel for Canine Genotype 2.1 kit.

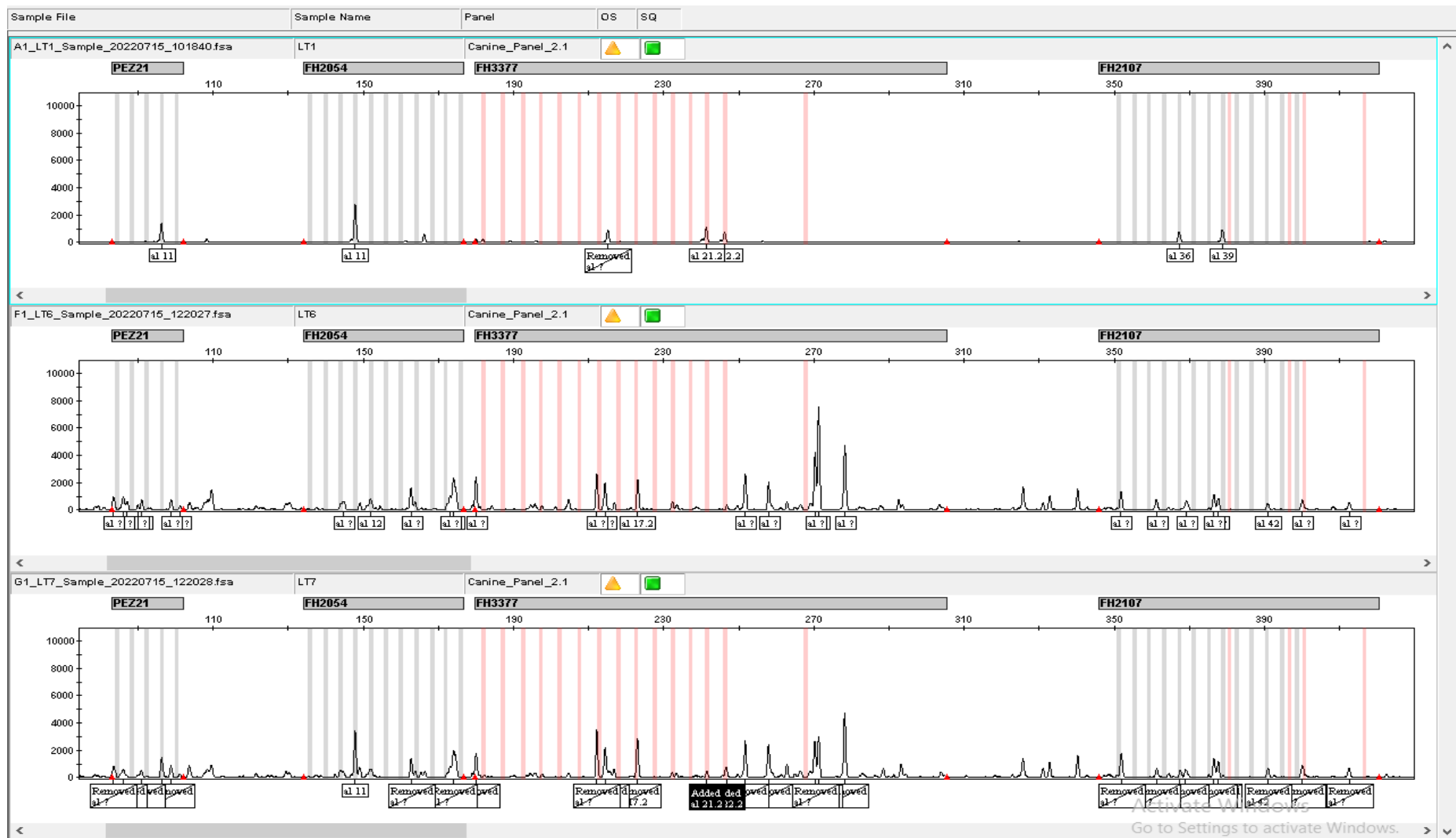


Figure 11: (top) Single source canine DNA at 62.5pg, (middle) single source goat DNA at 31.25ng, and (bottom) mixed canine (62.5pg):goat (31.25ng) DNA for four loci in the black channel for Canine Genotype 2.1 kit.

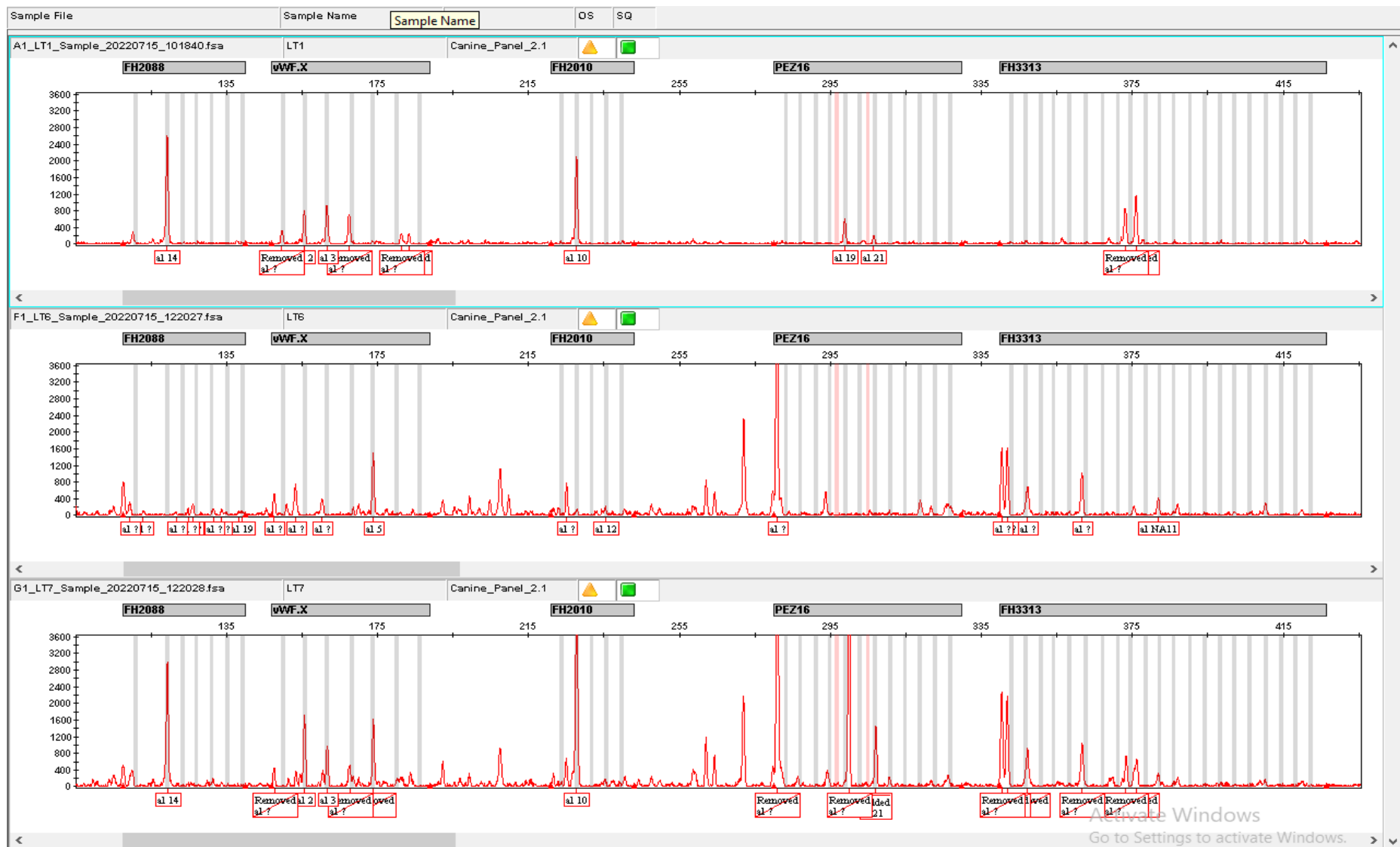


Figure 12: (top) Single source canine DNA at 62.5pg, (middle) single source goat DNA at 31.25ng, and (bottom) mixed canine (62.5pg):goat (31.25ng) DNA for five loci in the red channel for Canine Genotype 2.1 kit.

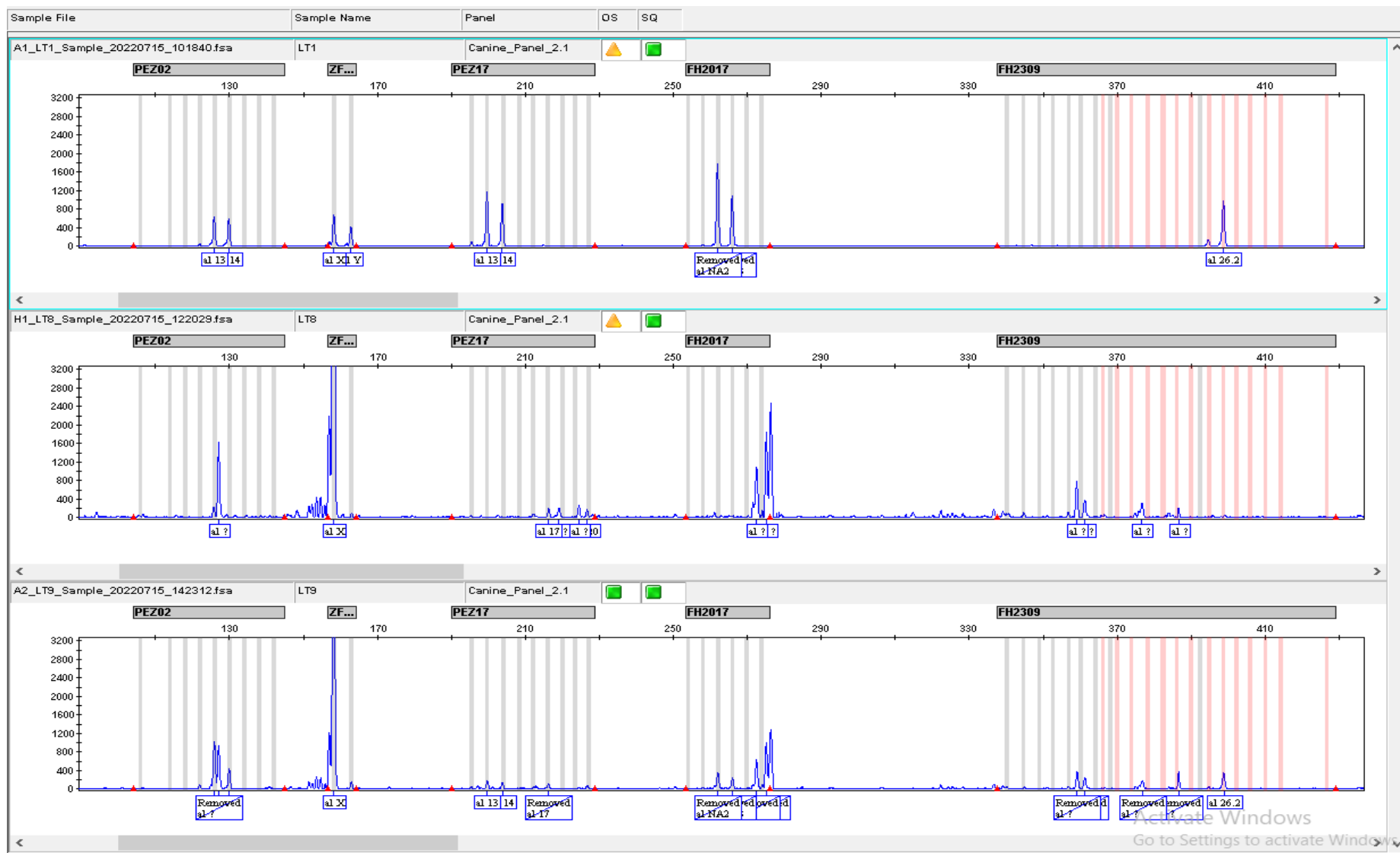


Figure 13: (top) Single source canine DNA at 62.5pg, (middle) single source pork DNA at 31.25ng, and (bottom) mixed canine (62.5pg):pork (31.25ng) DNA for five loci in the blue channel for Canine Genotype 2.1 kit.

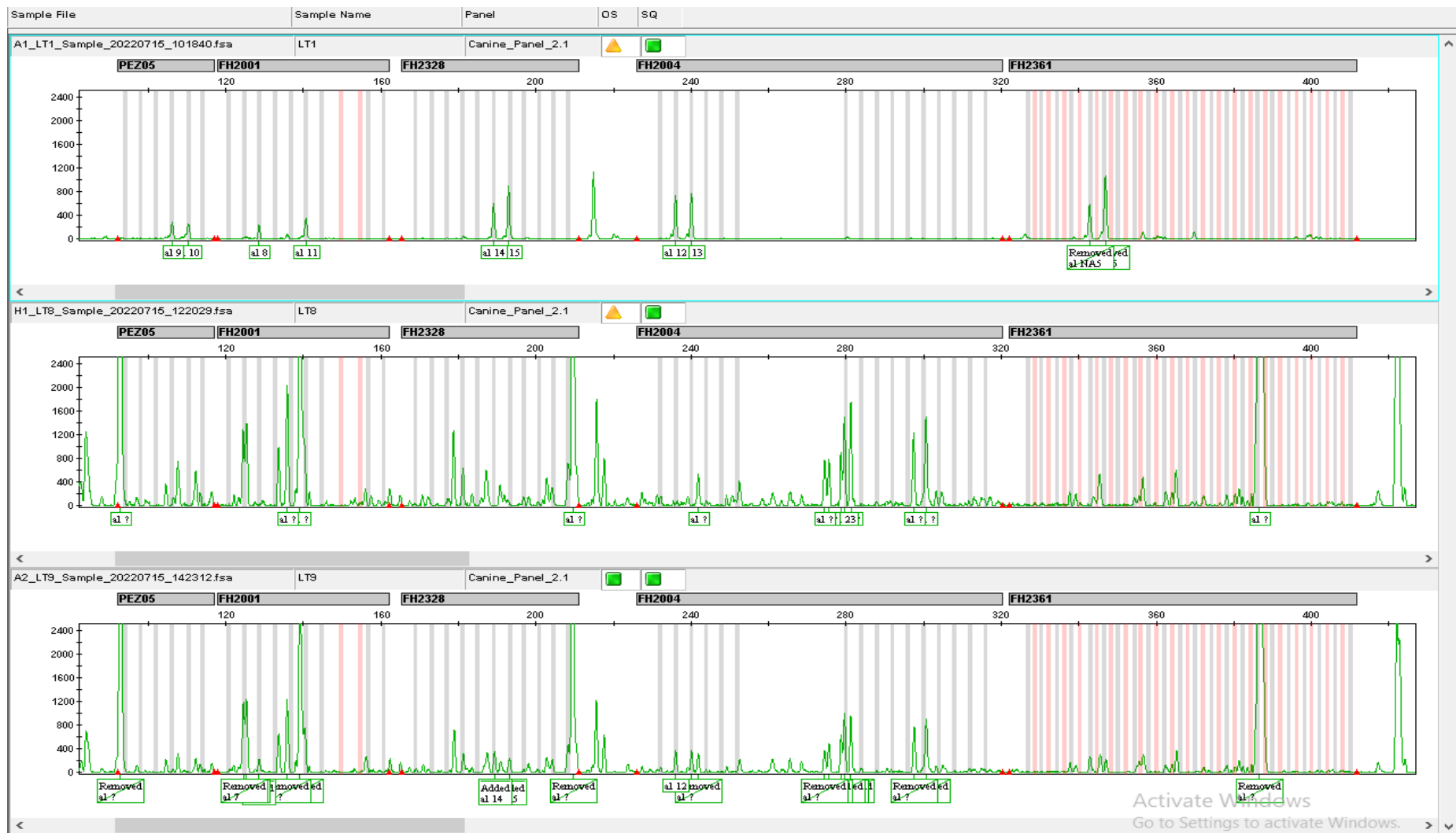


Figure 14: (top) Single source canine DNA at 62.5pg, (middle) single source pork DNA at 31.25ng, and (bottom) mixed canine (62.5pg):pork (31.25ng) DNA for five loci in the green channel for Canine Genotype 2.1 kit.

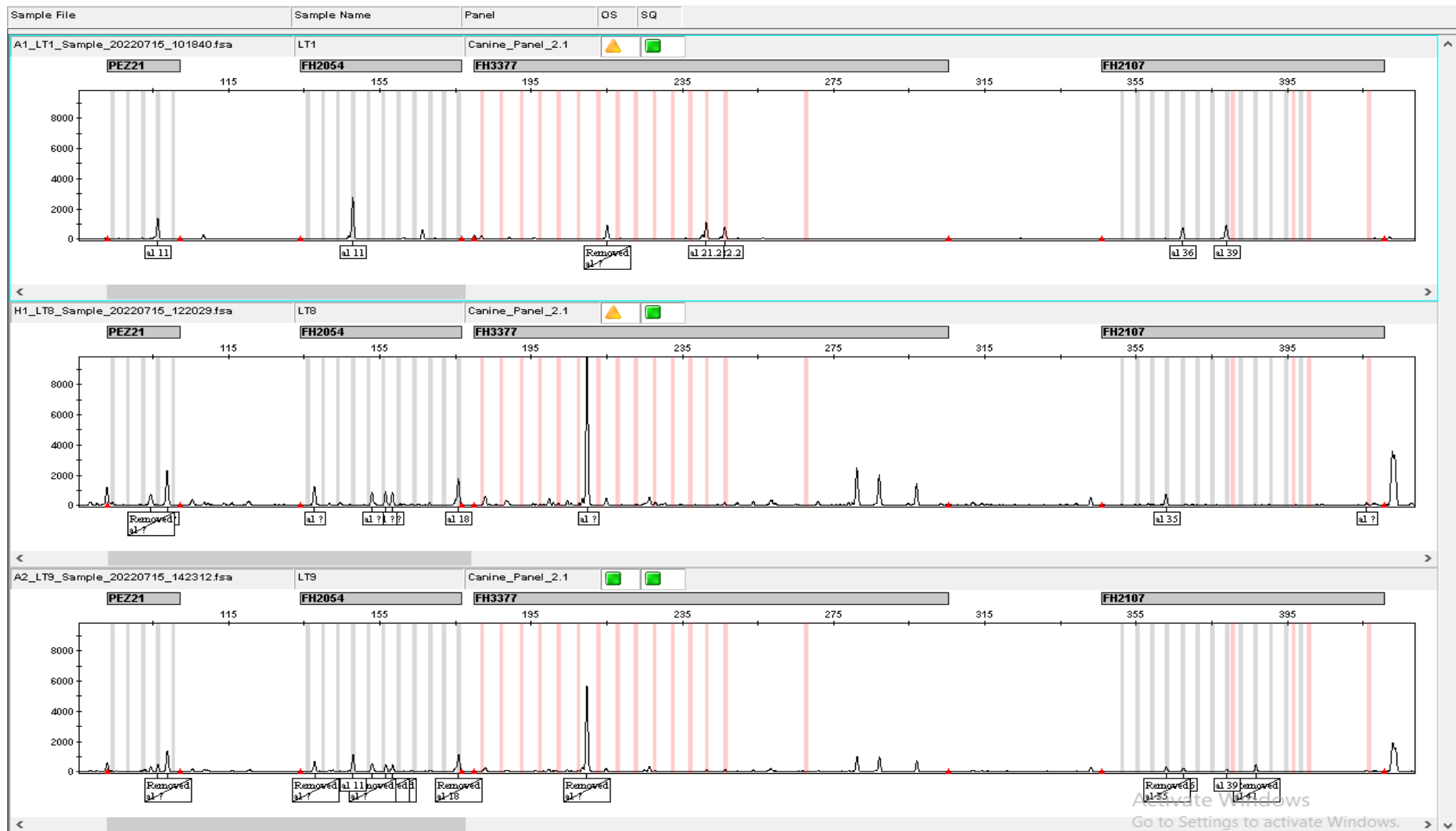


Figure 15: (top) Single source canine DNA at 62.5pg, (middle) single source pork DNA at 31.25ng, and (bottom) mixed canine (62.5pg):pork (31.25ng) DNA for four loci in the black channel for Canine Genotype 2.1 kit.

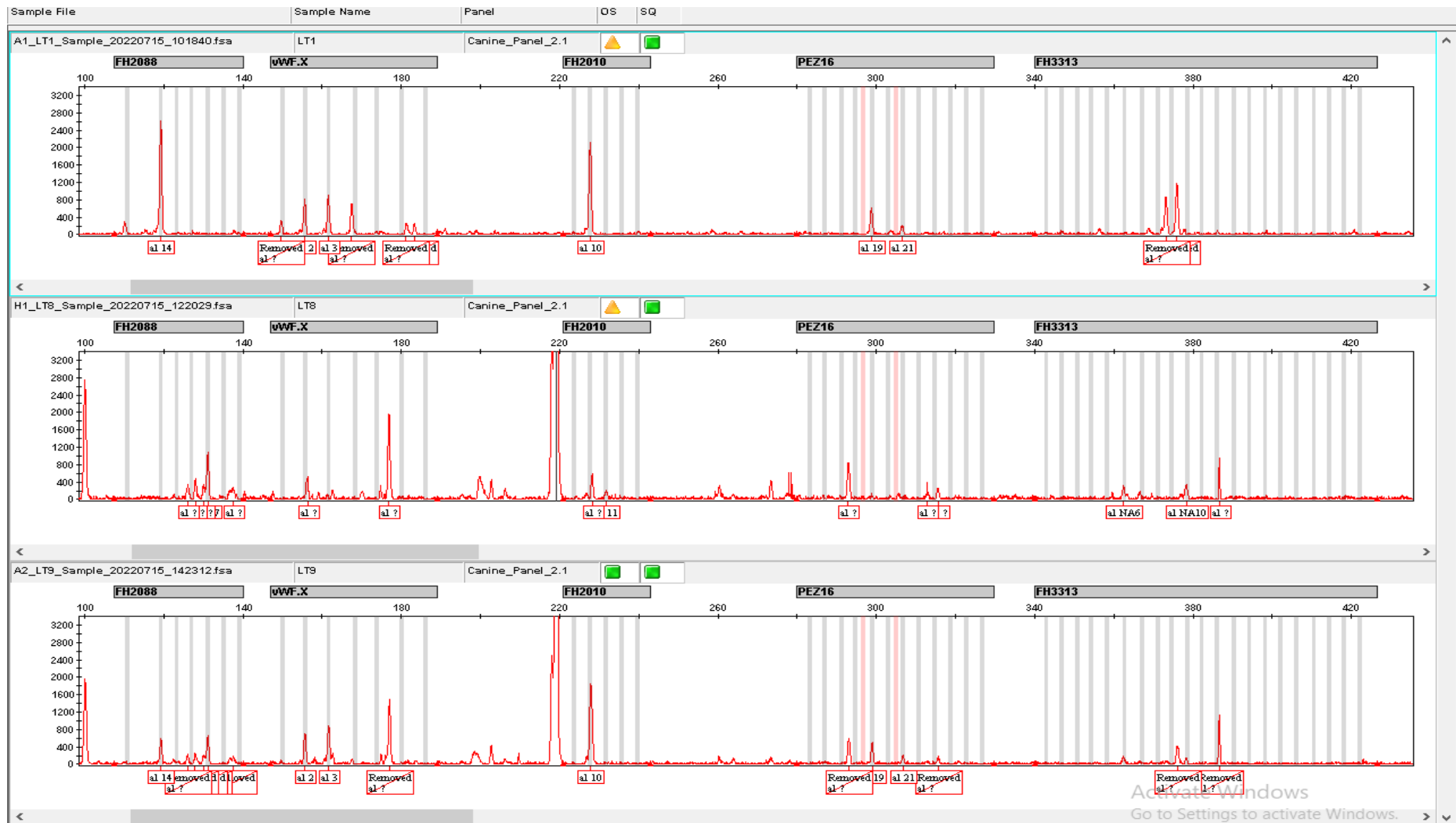


Figure 16: (top) Single source canine DNA at 62.5pg, (middle) single source pork DNA at 31.25ng, and (bottom) mixed canine (62.5pg):pork (31.25ng) DNA for five loci in the red channel for Canine Genotype 2.1 kit.

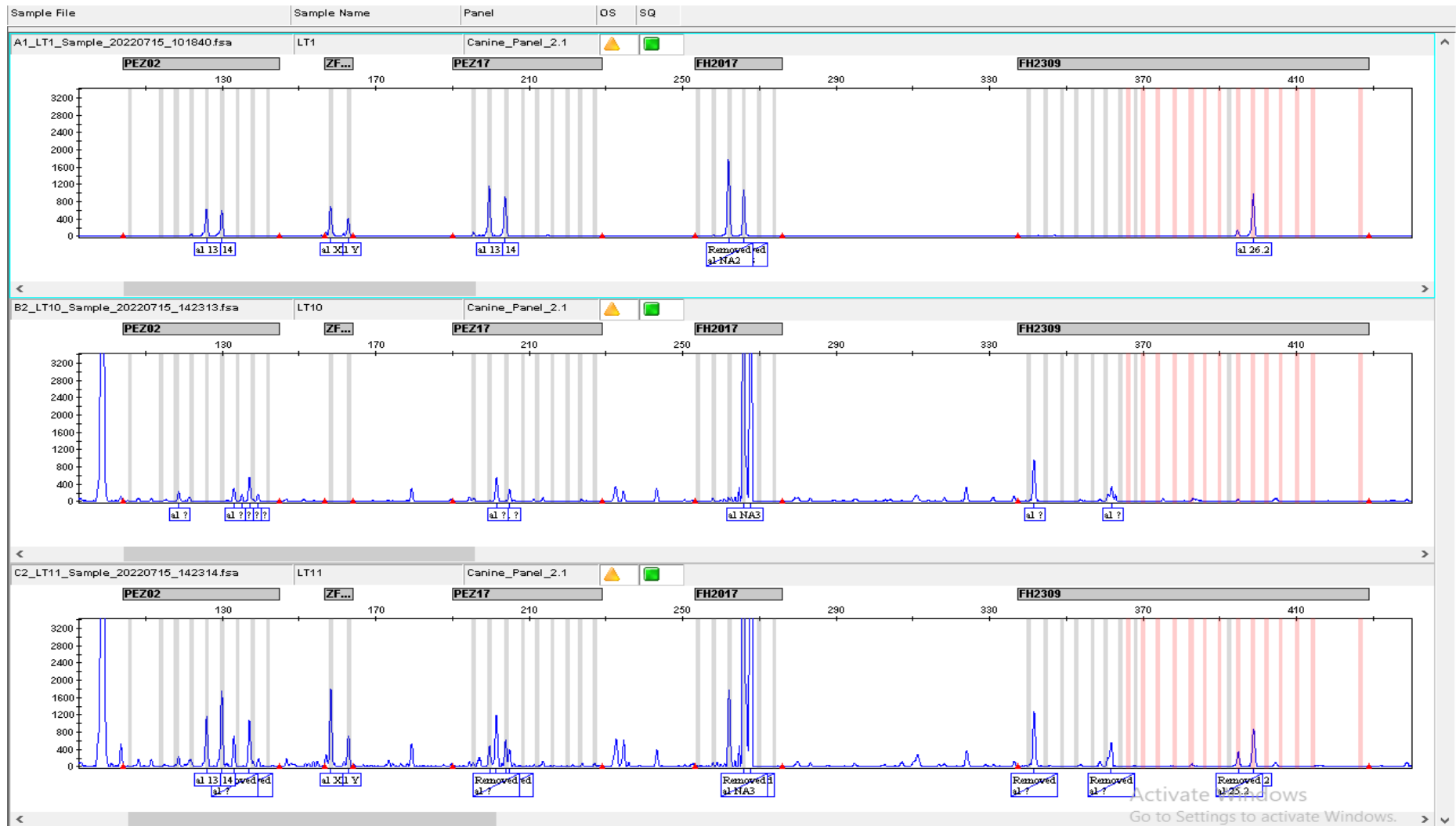


Figure 17: (top) Single source canine DNA at 62.5pg, (middle) single source chicken DNA at 31.25ng, and (bottom) mixed canine (62.5pg):chicken (31.25ng) DNA for five loci in the blue channel for Canine Genotype 2.1 kit.



Figure 18: (top) Single source canine DNA at 62.5pg, (middle) single source chicken DNA at 31.25ng, and (bottom) mixed canine (62.5pg):chicken (31.25ng) DNA for five loci in the green channel for Canine Genotype 2.1 kit.

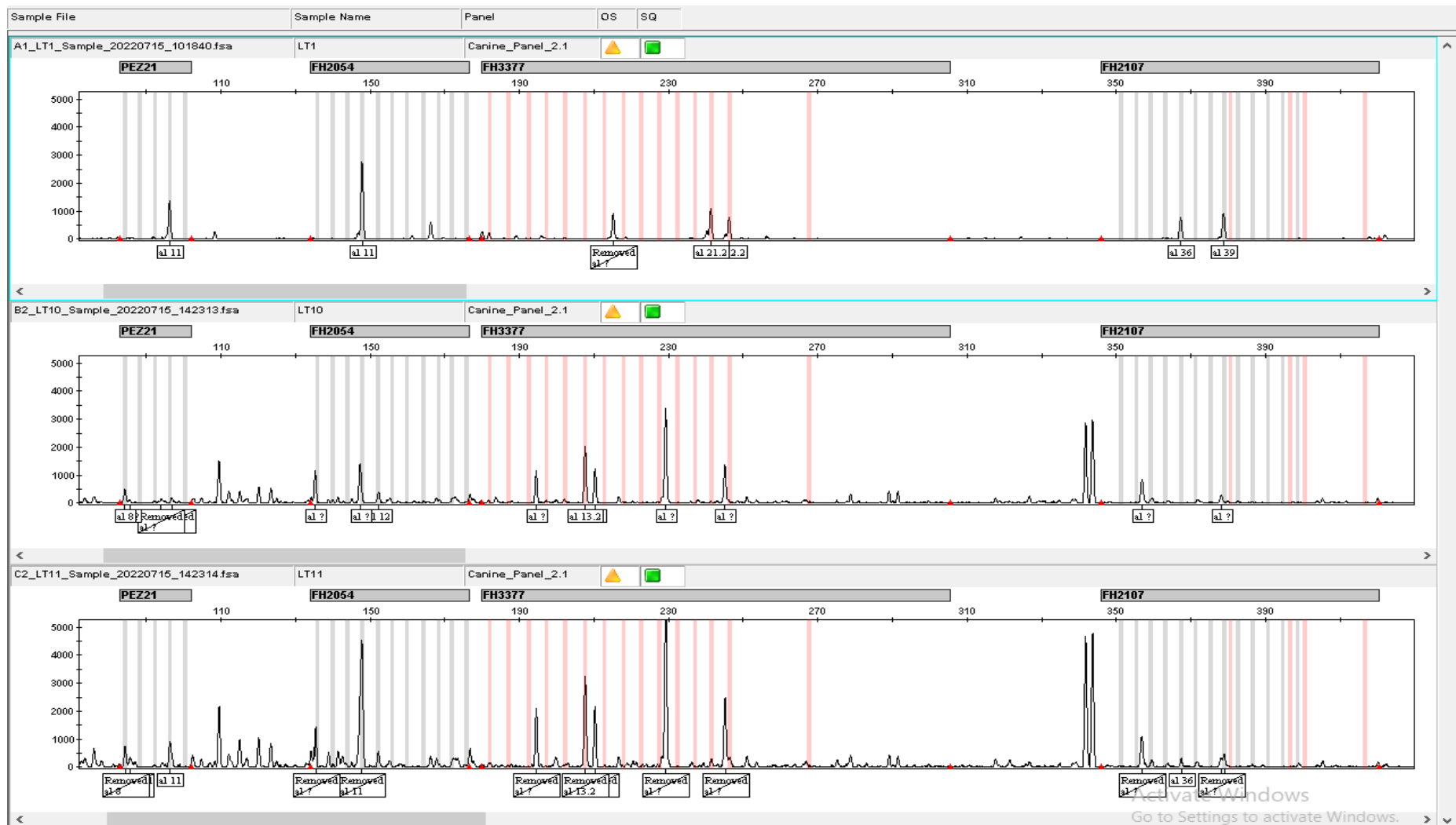


Figure 19: (top) Single source canine DNA at 62.5pg, (middle) single source chicken DNA at 31.25ng, and (bottom) mixed canine (62.5pg):chicken (31.25ng) DNA for four loci in the black channel for Canine Genotype 2.1 kit.

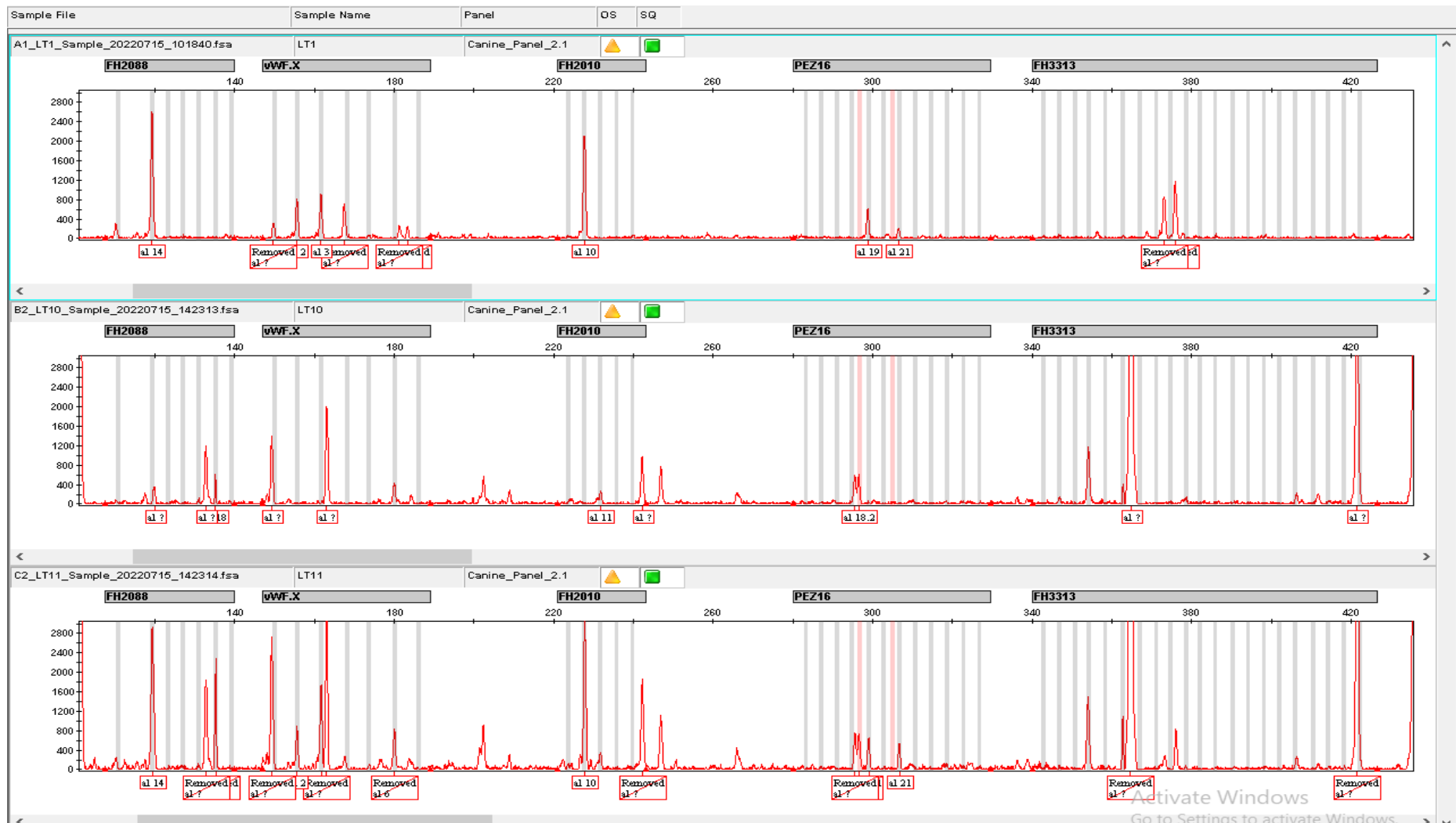


Figure 20: (top) Single source canine DNA at 62.5pg, (middle) single source chicken DNA at 31.25ng, and (bottom) mixed canine (62.5pg):chicken (31.25ng) DNA for five loci in the red channel for Canine Genotype 2.1 kit.

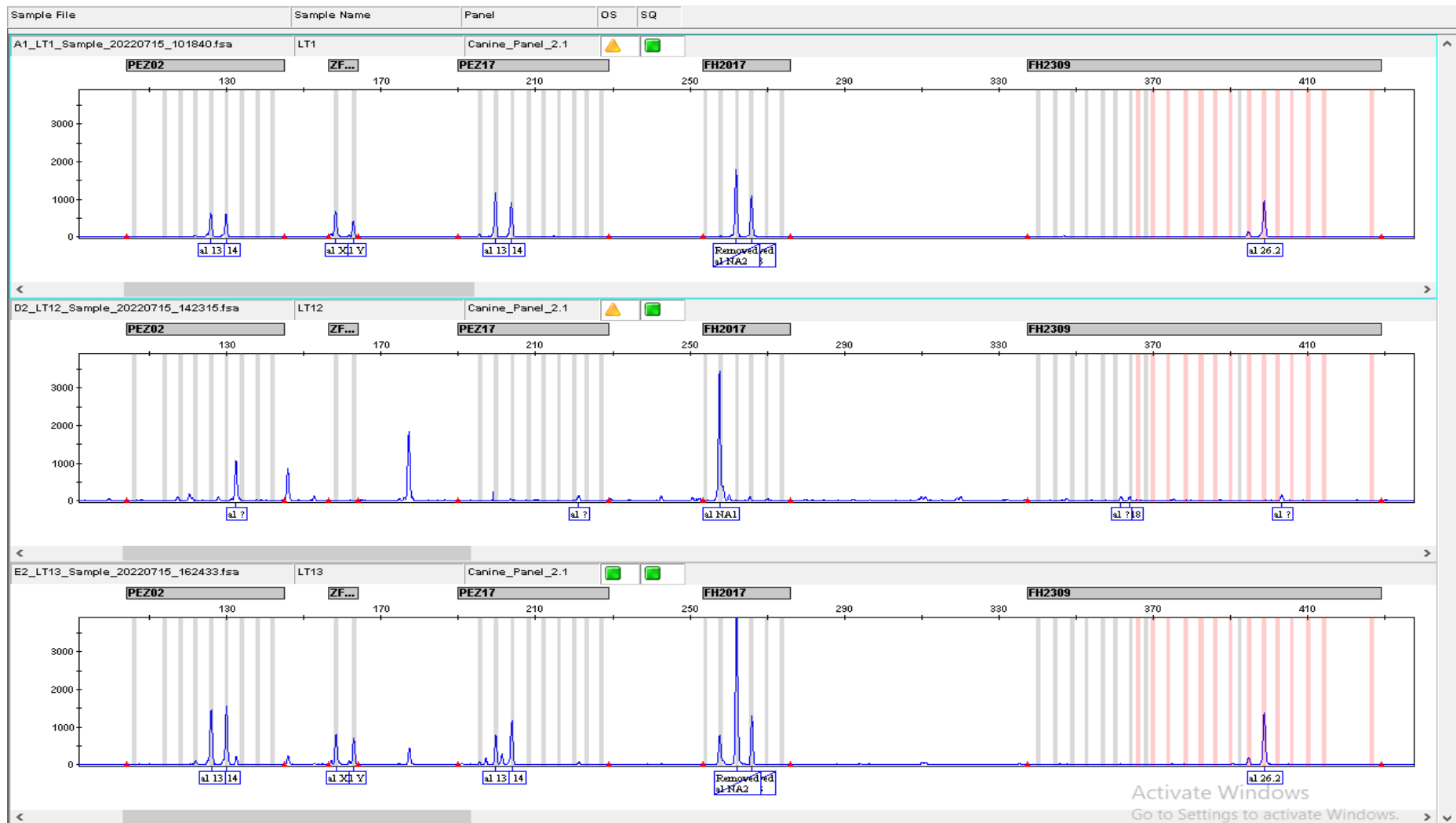


Figure 21: (top) Single source canine DNA at 62.5pg, (middle) single source turkey DNA at 31.25ng, and (bottom) mixed canine (62.5pg):turkey (31.25ng) DNA for five loci in the blue channel for Canine Genotype 2.1 kit.

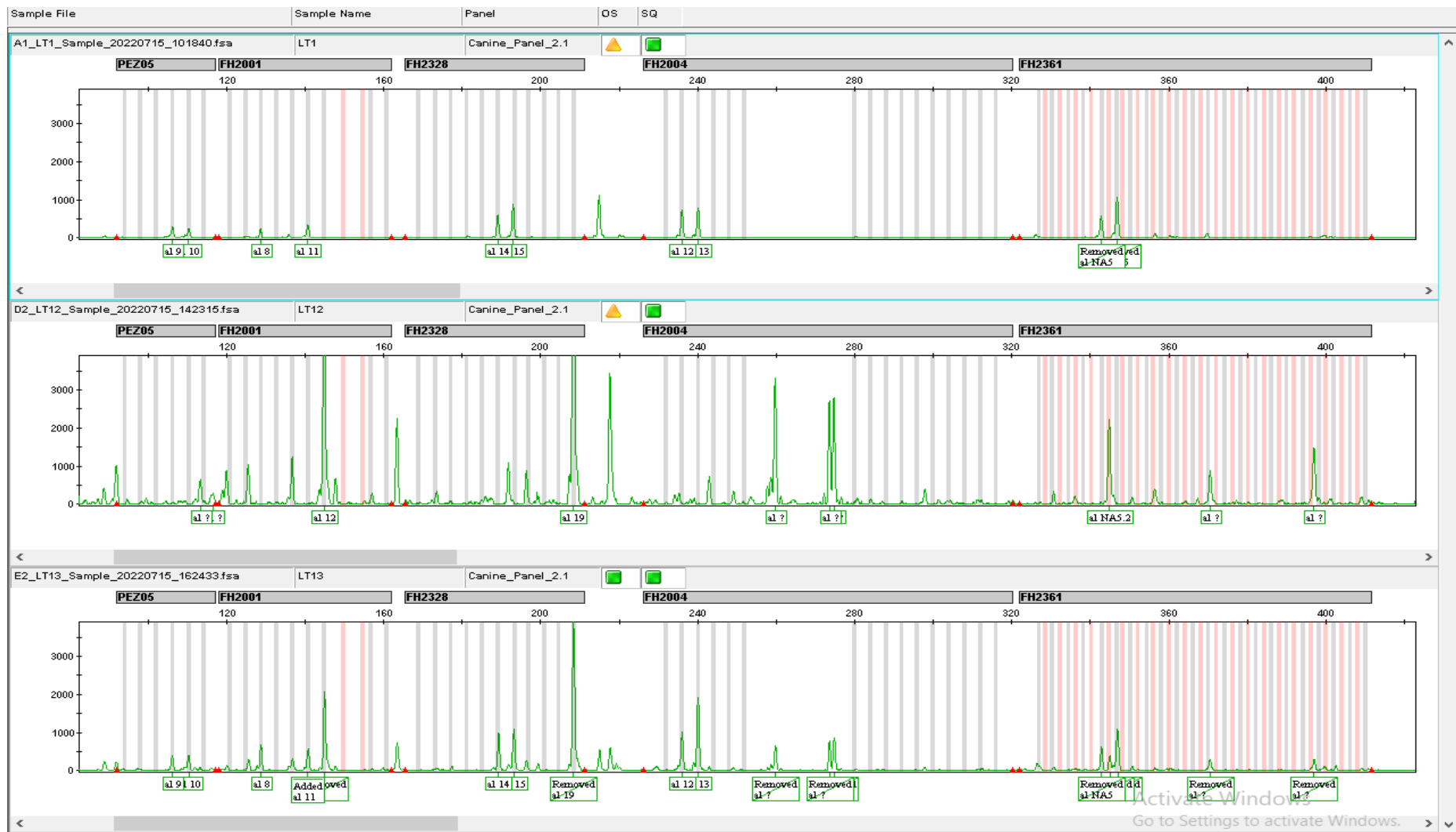


Figure 22: (top) Single source canine DNA at 62.5pg, (middle) single source turkey DNA at 31.25ng, and (bottom) mixed canine (62.5pg):turkey (31.25ng) DNA for five loci in the green channel for Canine Genotype 2.1 kit.

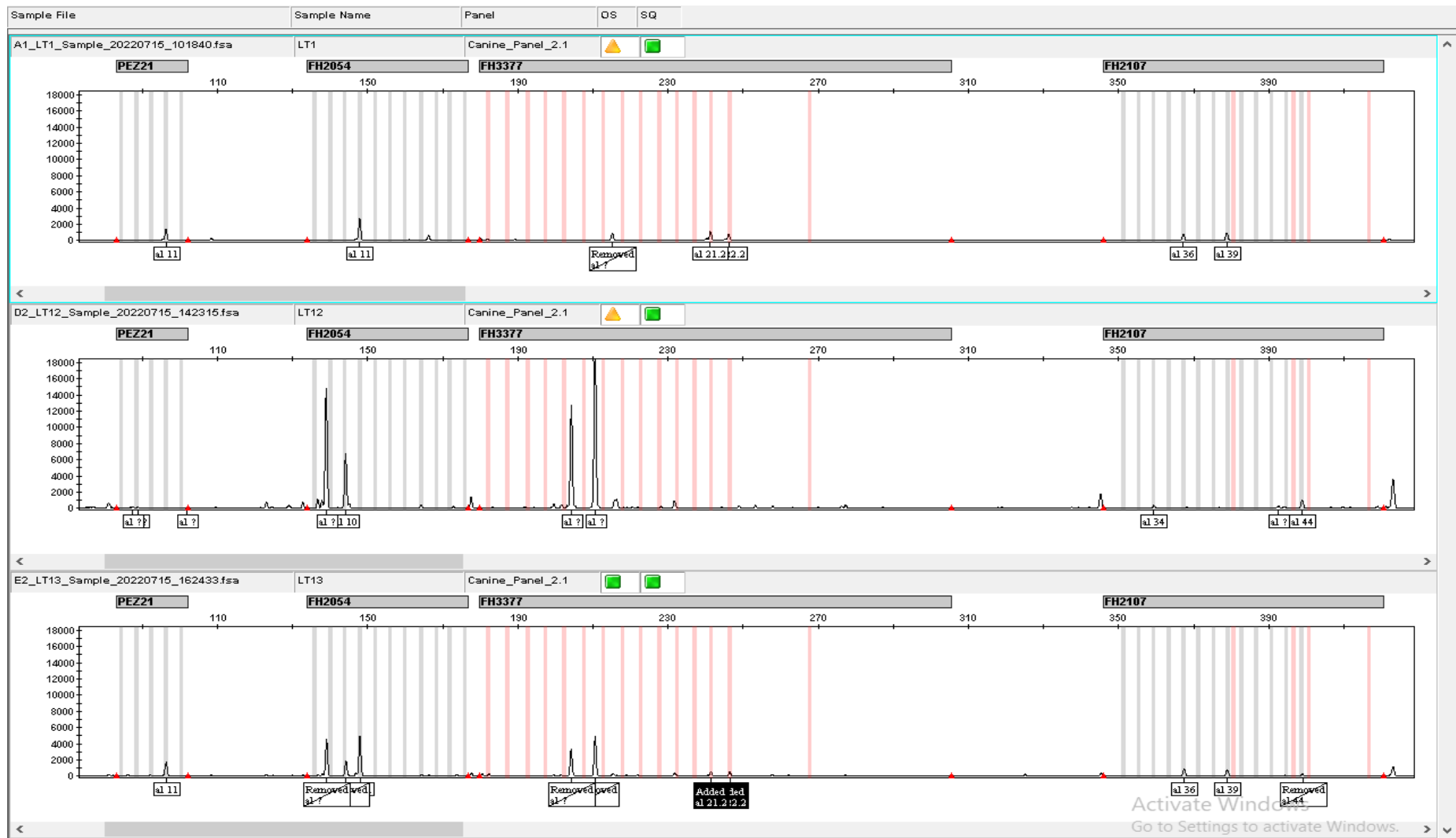


Figure 23: (top) Single source canine DNA at 62.5pg, (middle) single source turkey DNA at 31.25ng, and (bottom) mixed canine (62.5pg):turkey (31.25ng) DNA for four loci in the black channel for Canine Genotype 2.1 kit.

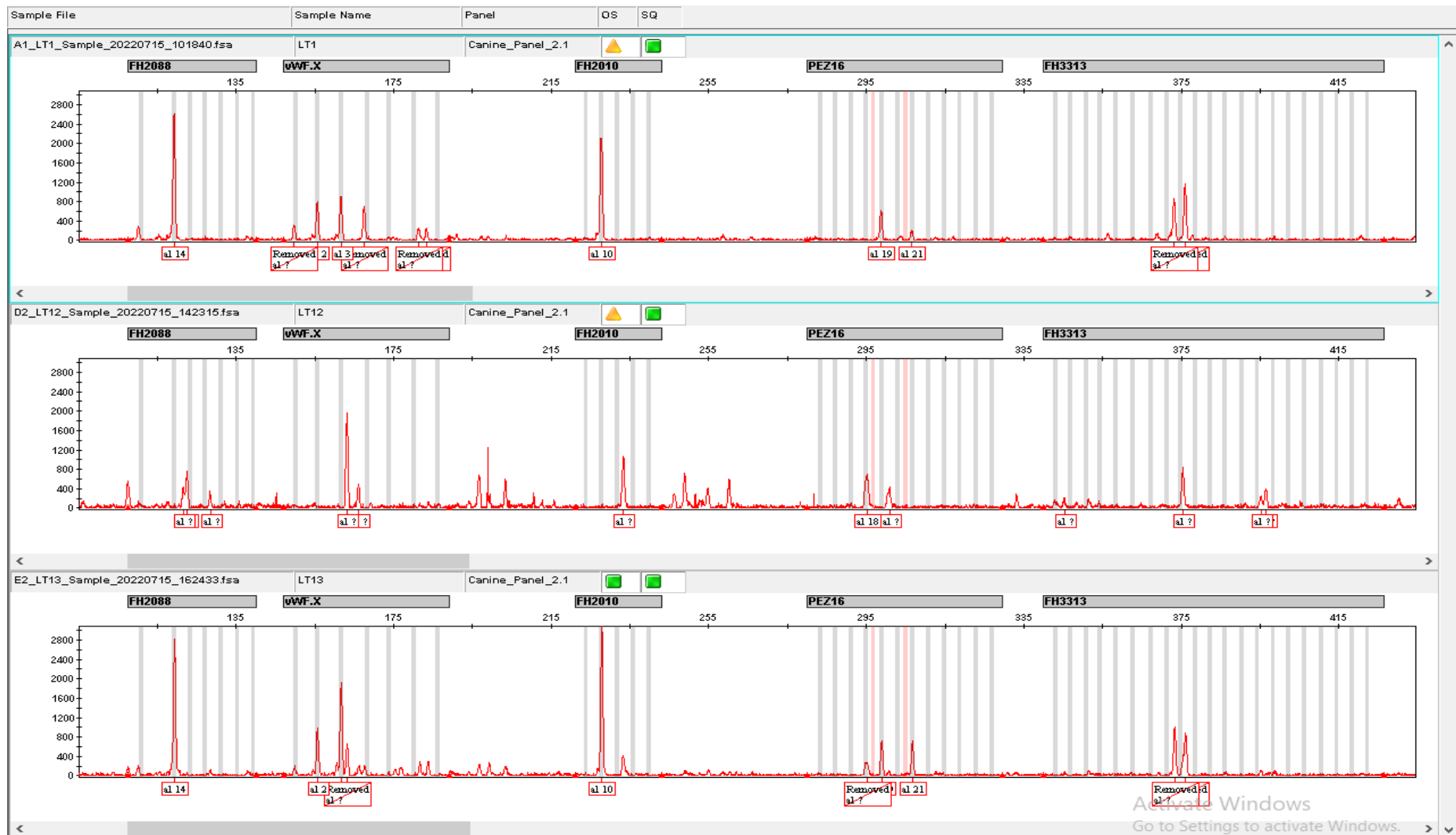


Figure 24: (top) Single source canine DNA at 62.5pg, (middle) single source turkey DNA at 31.25ng, and (bottom) mixed canine (62.5pg):turkey (31.25ng) DNA for five loci in the red channel for Canine Genotype 2.1 kit.