

**Correction to Dissertation: Genetics of Seed Dormancy in Wheat and Barley, Chapter 5:  
*TaMFT* Homeologs are Associated with Preharvest Sprouting in Winter Wheat**

This document is to declare an extreme error made in the dissertation entitled “Genetics of Seed Dormancy in Wheat and Barley” recently submitted by Justin M. Vetch.

The error was made in chapter 5: “*TaMFT* Homeologs are Associated with Preharvest Sprouting in Winter Wheat.”. Specifically, the error occurred in the analysis of the *MFT* homeolog markers 3B and 3D. The allele calls for these two markers were the same which is statistically improbable and thus both markers are assessing the same locus. The allele calls were however not linked to those of the *MFT* gene on 3A and there are only three copies of *MFT* in the wheat genome (one each on 3A, 3B, and 3D). Therefore, the markers represent either *MFT* 3D or *MFT* 3B but due to incomplete sequence and the high degree of homology between the homeologs it cannot be determined which homeolog is being measured. Therefore, the overall conclusion that *MFT* homeologs in addition to the one on 3A are likely associated with seed dormancy is still relevant but it would be more accurate to state that at least one homeolog is associated with dormancy, although it cannot be specified which one without further study.

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