**Title: *PbLAC4-like*, activated by *PbMYB26*, related to the degradation of anthocyanin during color fading in pear**

**Authors:** Guangping Zhao1, Fangxin Xiang1, Shichao Zhang1, Junxing Song1, Xieyu Li1, Linyan Song1, Rui Zhai1\*, Chengquan Yang1, Zhigang Wang1, Fengwang Ma1,2, Lingfei Xu1\*

1College of Horticulture, Northwest A&F University, Taicheng Road NO.3, Yangling, Shaanxi Province, China.

2State Key Laboratory of Crop Stress Biology for Arid Areas, Northwest A&F University, Taicheng Road NO.3, Yangling, Shaanxi Province, China.

**The email addresses:**

Guangping Zhao: zhaogp1996@nwafu.edu.cn;

Fangxin Xiang: xiangfangxin@nwafu.edu.cn;

Shichao Zhang: woshizsc@outlook.com;

Junxing Song: JunxingSong@163.com;

Xieyu Li: junyouki@sina.com;

Linyan Song: linyans@yeah.net;

Rui Zhai: Zhai.Rui@nwafu.edu.cn

Chengquan Yang: cqyang@nwsuaf.edu.cn;

Zhigang Wang: wzhg001@163.com;

Fengwang Ma: fwm64@sina.com;

Lingfei Xu: lingfxu2013@sina.com.

**Institution: College of Horticulture, Northwest A&F University**

**Address of the institution: Taicheng Road NO.3, Yangling, Shaanxi Province, China**

\*: Lingfei Xu and Rui Zhai are co-corresponding authors.

Lingfei Xu

College of Horticulture, Northwest A&F University, Taicheng Road NO.3, Yangling, Shaanxi Province, China.

E-mail: lingfxu2013@sina.com, Tel.: (86) 029-87081023

Rui Zhai

College of Horticulture, Northwest A&F University, Taicheng Road NO.3, Yangling, Shaanxi Province, China.

E-mail: Zhai.Rui@nwafu.edu.cn, Tel.: 86-029-13484475409