

Rubbish

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My Western Blot Looks Like a Panda

我的 WB 结果像只熊猫

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Abstract

Western Blot (WB) is an unpredictable experiment in laboratory. Here we report a WB result that highly resembles a panda face. It has no scientific value but great entertainment value for researchers.

本研究记录了一次意外的 Western Blot 实验结果，其条带形态与经典熊猫表情包高度一致，呈现出标志性的“黑眼圈”与“微笑嘴”结构。该结果无科研价值，但具备极高的娱乐价值与精神疗愈价值，旨在为广大科研工作者提供情绪安慰。

Keywords: Western Blot; Experimental Failure; Panda; Scientific Humor; Blot Art

关键词: WB; 实验失败; 熊猫; 科研幽默; 条带艺术

Introduction

Western Blot is full of uncertainty. We accidentally obtained a panda-shaped WB result and recorded it for fun and comfort of all researchers.

Western Blot 是生命科学实验室中最“玄学”的实验之一。理想条带清晰单一，而现实结果常常千奇百怪。本研究记录了一次意外获得的“熊猫脸”WB 结果，为所有做失败 WB 的科研人提供一点快乐。

Experimental Procedures

- (1) Protein extraction and quantification. 常规细胞蛋白提取与定量。
- (2) SDS-PAGE and wet membrane transfer. SDS-PAGE 电泳，湿法转膜。
- (3) Blocking with 5% milk. 5% 脱脂牛奶室温封闭。
- (4) Antibody incubation. 一抗 4℃ 孵育过夜，二抗室温孵育。
- (5) ECL imaging. ECL 发光显影，采集图像。

Results

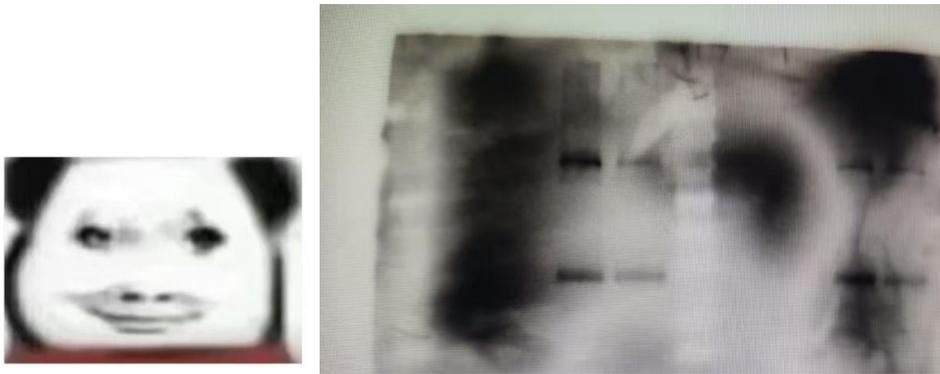


Fig. 1. WB 结果与熊猫表情包形态对比 (A) 经典熊猫表情包：标志性黑眼圈与微笑嘴。(B) 本研究 WB 结果：两侧对称深色区域+中间模糊条带，完美复刻熊猫脸。

The WB band pattern is highly consistent with the panda face in shape, symmetry and color distribution. 结果显示，本实验 WB 条带的轮廓、对称性与色块分布，与熊猫脸高度重合，形成天然的“熊猫印迹”。

Analysis and Discussion

This panda-shaped WB may be caused by high antibody concentration, insufficient washing or bubbles. It has no scientific meaning but great fun value. We suggest keeping a happy mood, because every failed experiment may become a piece of art.

该熊猫状 WB 可能由抗体浓度过高、洗涤不充分、转膜气泡或非特异性结合导致。尽管无科研意义，但对实验室娱乐、缓解实验焦虑具有重要价值。我们建议：面对失败实验保持快乐心态，因为每一次

翻车都可能成为艺术品。

Conclusion

Our WB result has no biological significance, but it really looks like a panda.

本 WB 结果没有任何生物学意义，但它长得真的很像一只熊猫。

Acknowledgements

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References

None