

## addenda and errata

## A quality comparison of protein crystals grown under containerless conditions generated by diamagnetic levitation, silicone oil and agarose gel. Erratum

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Table 2 of the article by Cao *et al.* [(2013), *Acta Cryst. D* **69**, 1901–1910] is corrected.

The values of  $R_{\text{merge}}$  and  $\langle I \rangle / \langle \sigma(I) \rangle$  in Table 2 of the article by Cao *et al.* (2013) were swapped because of a typesetting mistake. The values have now been corrected as shown in Table 2 below.

### References

Cao, H.-L., Sun, L.-H., Li, J., Tang, L., Lu, H.-M., Guo, Y.-Z., He, J., Liu, Y.-M., Xie, X.-Z., Shen, H.-F., Zhang, C.-Y., Guo, W.-H., Huang, L.-J., Shang, P., He, J.-H. & Yin, D.-C. (2013). *Acta Cryst. D* **69**, 1901–1910.

**Table 2**

A summary of X-ray diffraction data statistics for the crystals of seven different proteins grown under the four crystallization conditions.

Values in parentheses are for the highest resolution shell.

| Protein            | Condition           | Diffraction data statistics |               |                                  |   |             |                  |
|--------------------|---------------------|-----------------------------|---------------|----------------------------------|---|-------------|------------------|
|                    |                     | Resolution range (Å)        | Mosaicity (°) | $R_{\text{merge}}^{\dagger}$ (%) | $\langle I \rangle / \langle \sigma(I) \rangle$ | Redundancy  | Completeness (%) |
| lys                | Magnetic levitation | 50–0.95 (0.98–0.95)         | 0.17          | 5.6 (77.8)                       | 73.9 (2.5)                                      | 24.9 (9.5)  | 98.3 (86.5)      |
|                    | Silicone oil        | 50–1.20 (1.22–1.20)         | 0.39          | 7.4 (51.7)                       | 88.5 (8.6)                                      | 27.2 (26.8) | 99.9 (100)       |
|                    | Agarose gel         | 50–1.10 (1.14–1.10)         | 0.57          | 6.2 (76.9)                       | 59.6 (6.6)                                      | 24.4 (24.0) | 99.4 (100)       |
|                    | Control             | 50–1.20 (1.22–1.20)         | 0.27          | 9.3 (60.6)                       | 54.0 (4.3)                                      | 14.3 (13.8) | 99.9 (96.8)      |
| pK                 | Magnetic levitation | 50–0.95 (0.98–0.95)         | 0.13          | 10.9 (50.0)                      | 67.5 (6.8)                                      | 23.8 (10.5) | 98.2 (88.3)      |
|                    | Silicone oil        | 50–1.12 (1.14–1.12)         | 0.40          | 7.8 (31.7)                       | 59.9 (13.2)                                     | 26.8 (26.1) | 100 (100)        |
|                    | Agarose gel         | 50–1.02 (1.06–1.02)         | 0.25          | 11.5 (76.8)                      | 46.7 (7.2)                                      | 25.2 (24.6) | 98.8 (96.2)      |
|                    | Control             | 50–1.14 (1.16–1.14)         | 0.19          | 15.3 (78.0)                      | 24.9 (2.5)                                      | 26.4 (14.8) | 99.9 (99.1)      |
| TCS                | Magnetic levitation | 50–1.12 (1.14–1.12)         | 0.27          | 5.8 (43.5)                       | 36.4 (4.1)                                      | 6.8 (6.6)   | 99.8 (99.6)      |
|                    | Silicone oil        | 50–1.43 (1.45–1.43)         | 0.38          | 7.4 (47.7)                       | 37.1 (4.0)                                      | 7.1 (7.0)   | 100 (100)        |
|                    | Agarose gel         | 50–1.15 (1.17–1.15)         | 0.29          | 7.1 (42.9)                       | 52.1 (7.3)                                      | 14.1 (13.8) | 100 (100)        |
|                    | Control             | 50–1.07 (1.09–1.07)         | 0.22          | 6.8 (42.9)                       | 41.8 (5.0)                                      | 6.9 (6.6)   | 99.5 (98.8)      |
| con                | Magnetic levitation | 50–1.23 (1.25–1.23)         | 0.34          | 6.6 (90.1)                       | 58.0 (2.4)                                      | 14.0 (11.1) | 99.1 (84.7)      |
|                    | Silicone oil        | 50–1.76 (1.79–1.76)         | 0.53          | 7.6 (46.8)                       | 51.6 (4.6)                                      | 7.1 (6.3)   | 99.1 (98.7)      |
|                    | Agarose gel         | 50–1.79 (1.82–1.79)         | 0.67          | 4.9 (62.9)                       | 60.7 (5.0)                                      | 14.0 (13.5) | 99.7 (99.7)      |
|                    | Control             | 50–1.78 (1.82–1.78)         | 0.77          | 6.6 (94.4)                       | 54.2 (3.3)                                      | 14.2 (13.7) | 99.9 (99.9)      |
| HSP90 <sup>N</sup> | Magnetic levitation | 50–1.61 (1.64–1.61)         | 0.14          | 11.3 (52.6)                      | 63.3 (7.4)                                      | 14.6 (14.6) | 100 (100)        |
|                    | Silicone oil        | 50–2.13 (2.17–2.13)         | 0.91          | 11.9 (33.8)                      | 77.8 (34.8)                                     | 14.2 (14.2) | 99.5 (99.5)      |
|                    | Agarose gel         | 50–2.15 (2.19–2.15)         | 1.86          | 8.8 (52.5)                       | 42.3 (6.3)                                      | 14.2 (14.0) | 100 (100)        |
|                    | Control             | 50–2.89 (2.94–2.89)         | 2.26          | 13.5 (53.9)                      | 10.5 (2.5)                                      | 3.1 (3.1)   | 88.7 (85.2)      |
| thau               | Magnetic levitation | 50–1.35 (1.37–1.35)         | 0.21          | 7.9 (53.3)                       | 76.0 (9.6)                                      | 28.2 (28.2) | 100 (100)        |
|                    | Silicone oil        | 50–1.60 (1.63–1.60)         | 0.70          | 9.3 (65.5)                       | 78.6 (11.4)                                     | 27.6 (27.6) | 99.0 (98.6)      |
|                    | Agarose gel         | 50–1.50 (1.53–1.50)         | 0.38          | 6.8 (56.1)                       | 57.6 (6.2)                                      | 14.8 (14.7) | 100 (100)        |
|                    | Control             | 50–2.70 (2.75–2.70)         | 1.18          | 16.6 (42.7)                      | 91.6 (37.4)                                     | 24.8 (24.8) | 99.9 (99.9)      |
| cata               | Magnetic levitation | 50–2.28 (2.32–2.28)         | 0.77          | 15.3 (94.4)                      | 31.5 (3.8)                                      | 10.3 (10.0) | 100 (100)        |
|                    | Silicone oil        | 50–3.59 (3.65–3.59)         | 0.73          | 16.8 (35.1)                      | 29.2 (10.6)                                     | 9.5 (9.5)   | 91.5 (85.6)      |
|                    | Agarose gel         | 50–2.70 (2.75–2.70)         | 0.43          | 12.8 (53.1)                      | 10.4 (2.5)                                      | 10.4 (10.3) | 85.5 (82.0)      |
|                    | Control             | 50–4.64 (4.72–4.64)         | 1.35          | 59.7 (95.5)                      | 16.1 (7.8)                                      | 3.9 (3.7)   | 85.5 (82.1)      |

$\dagger R_{\text{merge}} = \sum_{hkl} \sum_i |I_i(hkl) - \langle I(hkl) \rangle| / \sum_{hkl} \sum_i I_i(hkl)$ , where  $\langle I(hkl) \rangle$  is the mean intensity of the  $i$ th observation of reflection  $hkl$ .