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doi: 10.1557/jmr.2014.32, Published online by Cambridge University Press 04 Mar 2014

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doi: 10.1557/jmr.2014.37, Published online by Cambridge University Press 11 Mar 2014

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doi: 10.1557/jmr.2014.31, Published online by Cambridge University Press 11 Mar 2014

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doi: 10.1557/jmr.2014.25, Published online by Cambridge University Press 04 Mar 2014

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doi: 10.1557/jmr.2014.29, Published online by Cambridge University Press 27 Feb 2014

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doi: 10.1557/jmr.2014.27, Published online by Cambridge University Press 04 Mar 2014

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doi: 10.1557/jmr.2014.34, Published online by Cambridge University Press 11 Mar 2014

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doi: 10.1557/jmr.2014.33, Published online by Cambridge University Press 04 Mar 2014

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doi: 10.1557/jmr.2014.30, Published online by Cambridge University Press 28 Feb 2014

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doi: 10.1557/jmr.2014.24, Published online by Cambridge University Press 04 Mar 2014





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doi: 10.1557/jmr.2013.60, Published online by Cambridge University Press 11 Mar 2014

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