



**B 1: Financial Instruments according to Art. 13(1)(a) of Directive 2004/109/EC (DTR5.3.1.1 (a))**

Type of financial instrument	Expiration date <sup>x</sup>	Exercise/ Conversion Period <sup>xi</sup>	Number of voting rights that may be acquired if the instrument is exercised/converted.	% of voting rights
<b>SUBTOTAL 8. B 1</b>				

**B 2: Financial Instruments with similar economic effect according to Art. 13(1)(b) of Directive 2004/109/EC (DTR5.3.1.1 (b))**

Type of financial instrument	Expiration date <sup>x</sup>	Exercise/ Conversion Period <sup>xi</sup>	Physical or cash settlement <sup>xii</sup>	Number of voting rights	% of voting rights
<b>SUBTOTAL 8.B.2</b>					

**9. Information in relation to the person subject to the notification obligation** (please mark the applicable box with an "X")

Person subject to the notification obligation is not controlled by any natural person or legal entity and does not control any other undertaking(s) holding directly or indirectly an interest in the (underlying) issuer<sup>xiii</sup>

Full chain of controlled undertakings through which the voting rights and/or the financial instruments are effectively held starting with the ultimate controlling natural person or legal entity<sup>xiv</sup> (please add additional rows as necessary) X

Name <sup>xv</sup>	% of voting rights if it equals or is higher than the notifiable threshold	% of voting rights through financial instruments if it equals or is higher than the notifiable threshold	Total of both if it equals or is higher than the notifiable threshold
Invesco Advisers	4.517%	0	4.517%
Invesco Capital Management LLC	0.533%	0	0.533%
Invesco Investment Advisers	0.008%	0	0.008%
Invesco Asset Management Japan	0.001%	0	0.001%

**10. In case of proxy voting, please identify:**

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