Supplementary Table 1. MR Scan Parameters

| Scan Parameters | Verio/Skyra (Siemens) |
|-----------------|-----------------------|
| Field strength (T) | 3.0                   |
| Head coil channel | 32                    |
| T1               |                       |
| TR (ms)          | 558                   |
| TE (ms)          | 9.8                   |
| FA (°)           | 70                    |
| NEX              | 1                     |
| Matrix           | 384 x 187             |
| Section thickness (mm) | 5          |
| FOV (mm)         | 175 x 220             |
| 3D MPRAGE        |                       |
| TR (ms)          | 1370–1600             |
| TE (ms)          | 1.9–2.8               |
| FA (°)           | 9                     |
| NEX              | 1                     |
| Matrix           | 256 x 232             |
| Section thickness (mm) | 1          |
| FOV (mm)         | 220 x 250             |
| T2               |                       |
| TR (ms)          | 5100–5160             |
| TE (ms)          | 89–91                 |
| FA (°)           | 124–150               |
| NEX              | 3                     |
| Matrix           | 640 x 510–580         |
| Section thickness (mm) | 5          |
| FOV (mm)         | 199 x 220             |
| FLAIR            |                       |
| TR (ms)          | 8000–9000             |
| TE (ms)          | 90–97                 |
| Inversion time (ms) | 2300–2500           |
| FA(°)            | 130–150               |
| NEX              | 1                     |
| Matrix           | 384 x 348             |
| Section thickness (mm) | 5          |
| FOV (mm)         | 199 x 220             |
| DCE*             |                       |
| TR (ms)          | 2.8                   |
| TE (ms)          | 1.0                   |
| FA (°)           | 10                    |
| NEX              | 1                     |
| Matrix           | 192 x 192             |
| Section thickness (mm) | 3          |
| FOV (mm)         | 240 x 240             |
| Voxel size (mm³) | 1.25 x 1.25 x 3       |
| Pixel bandwidth (Hz) | 789               |
| Total acquisition time | 5 min 8 sec |

*DCE MR imaging was acquired after intravenous administration of gadobutrol (Gadovist; Bayer AG) at dose of 0.1 mmol/kg of body weight, at rate of 4 mL/s using power injector (MEDRAD® Spectris Solaris; Bayer). After contrast, 30 mL saline bolus was injected at same injection rate. DCE = dynamic contrast-enhanced, FA = flip angle, FLAIR = fluid-attenuated inverse recovery, FOV = field of view, MR = magnetic resonance, NEX = number of excitation, T = Tesla, TE = echo time, TR = repetition time, 3D MPRAGE = three-dimensional magnetization-prepared rapid acquisition with gradient echo.