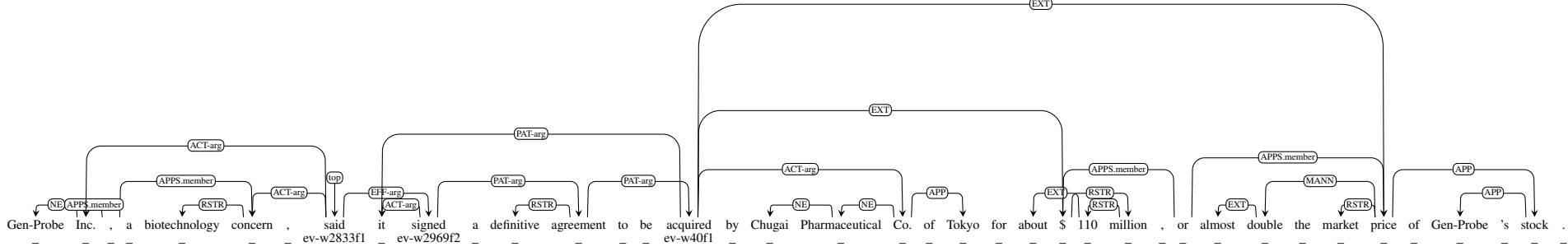
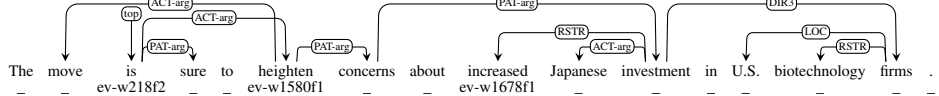


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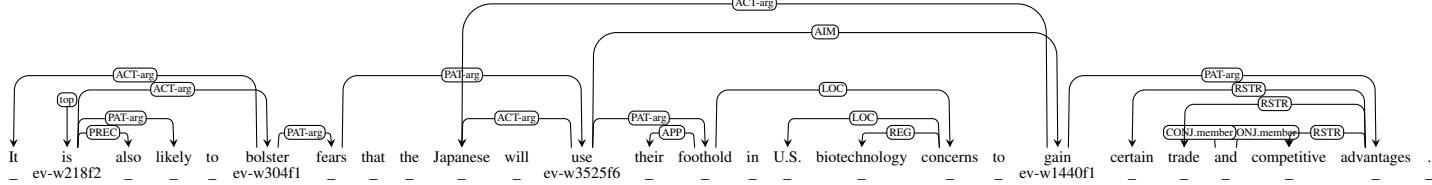
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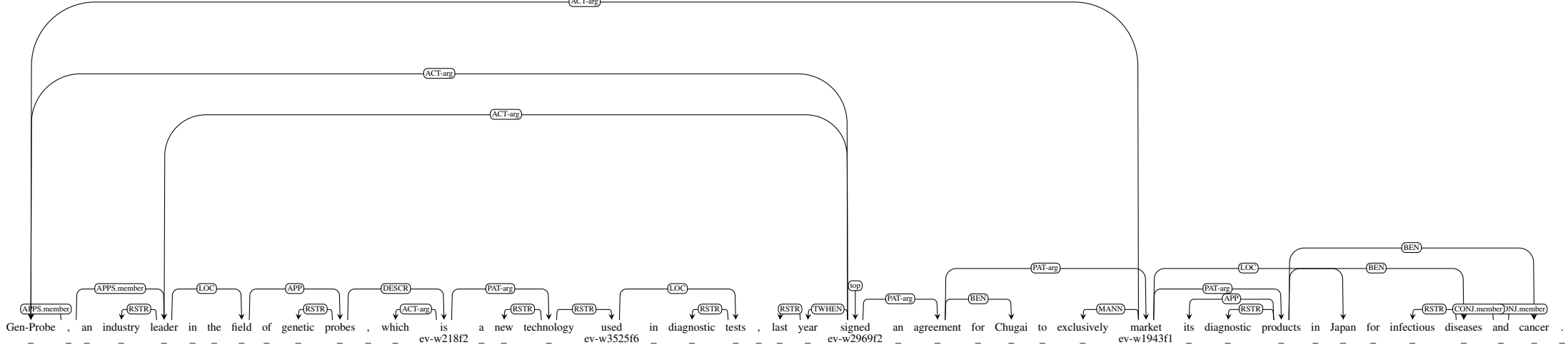
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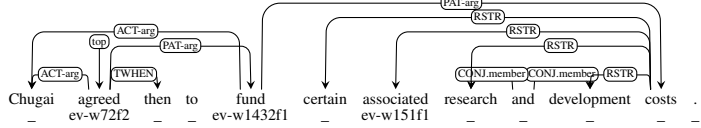
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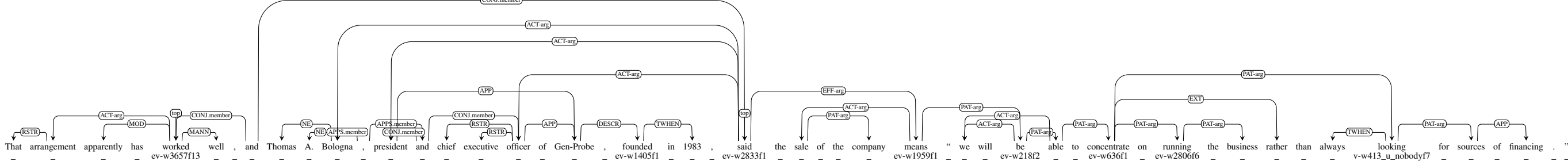
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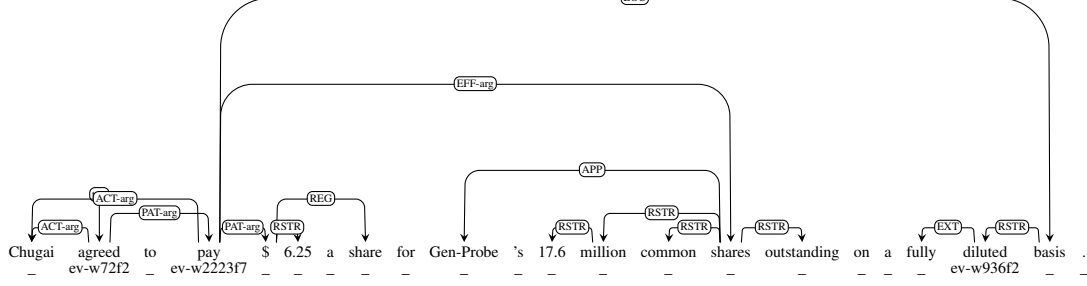
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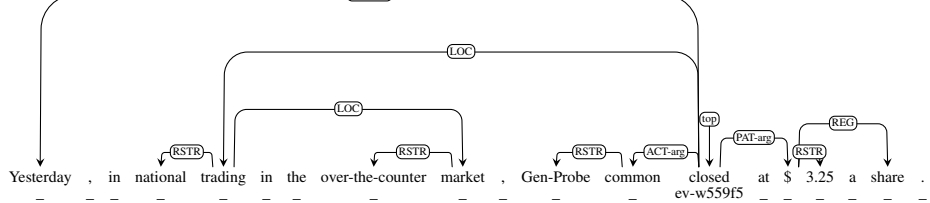
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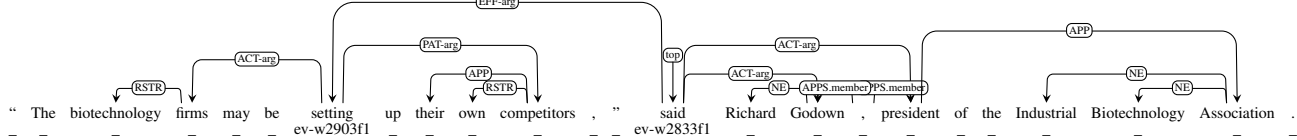
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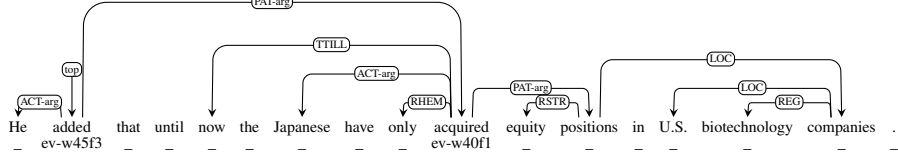
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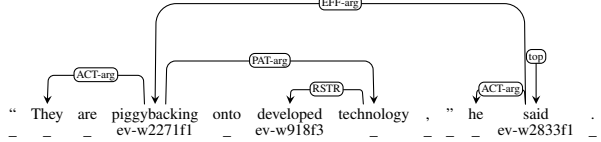
[20404010]



[20404011]



[20404012]



[20404013]

During the past five years , Japanese concerns have invested in several of the U.S. 's 431 independent biotechnology companies .

[20404014]

Chugai has been one of the most active Japanese players in U.S. biotechnology companies ; it has an equity investment in Genetics Institute Inc. , Cambridge , Mass. , and a joint-venture agreement with Upjohn Co. , Kalamazoo , Mich .

[20404015]

The Japanese government , Mr. Godown said that it wants 10 % to 11 % of its gross national product to come from biotechnology products .

[20404016]

" It is becoming more of a horse race every day between the U.S. and Japan , " he said , adding that some fear that as with the semiconductor , electronics , and automobile industries , Japanese companies will use U.S.-developed technology to gain trade advantages .

[20404017]

Mr. Bologna said the sale would allow Gen-Probe to speed up the development of new technology , and to more quickly apply existing technology to an array of diagnostic products the company wants to offer .

[20404018]

By 1988 , when only 10 genetic probe-based tests of diagnostic infectious diseases of humans had been approved for marketing by the Food and Drug Administration , eight of them had been developed and sold by Gen-Probe .

[20404020]

" We think Gen-Probe has technology important to people 's health , " he said , adding : " We think it is important for us to have such technology . "

[20404021]

He and Mr. Bologna emphasized that both companies would gain technological knowledge through the sale of Gen-Probe , which will expand " significantly " as a result of the acquisition .

[20404022]

In 1988 , Chugai had net income of \$ 60 million on revenue of \$ 991 million .

[20404023]

GenProbe had a net loss of \$ 9.5 million on revenue of \$ 5.8 million .

[20404024]

Recently , Gen-Probe received a broad U.S. patent for a technology that helps detect , identify and quantify non-viral organisms through the targeting of a form of genetic material called ribosomal RNA .

[20404025]

